



Bid Number 50-00143197

**Labor, Materials, Equipment, Transportation and all Other Incidentals
Necessary to Provide a Five (5) Year Contract for Termite Treatment at
Various Jefferson Parish Facilities for Department of General Services.**

BID DUE: September 28, 2023 AT 2:00 PM

ATTENTION VENDORS!!!

**Please review all pages and respond accordingly, complying with all provisions
in the technical specifications and Jefferson Parish Instructions for Bidders and
General Terms and Conditions. All bids must be received on the Purchasing
Department's eProcurement site, www.jeffparishbids.net, by the bid due date
and time. Late bids will not be accepted.**

**Jefferson Parish Purchasing Department
200 Derbigny Street
General Government Building, Suite 4400
Gretna, LA 70053
Donna Reamey
Email: Dreamey@jeffparish.net
Phone: 504-364-2684**



CENTRALBIDDING
FROM CENTRAL AUCTION HOUSE

5000143197 Labor, Materials, Equipment, Transportation and all Other Incidentals Necessary to Provide a Five (5) Year Contract for Termite Treatment at Various Jefferson Parish Facilities for Department of General Services.

Jefferson Parish Government

Project documents obtained from www.CentralBidding.com

27-Sep-2023 11:15:51 AM

DATE: 8/30/2023

Page: 6

BID NO.: 50-00143197

BID FORM
Non Public Works

All Public Work Projects are required to use the Louisiana Uniform Public Work Bid Form

All prices must be held firm unless an escalation provision is requested in this bid. Jefferson Parish will allow one escalation during the term of the contract, which may not exceed the U.S. Bureau of Labor Statistics National Index for all Urban Consumers, unadjusted 12 month figure. The most recently published figure issued at the time an adjustment is requested will be used. A request must be made in writing by the vendor, and the escalation will only be applied to purchases made after the request is made.

Are you requesting an escalation provision?

YES _____ NO X _____

MAXIMUM ESCALATION PERCENTAGE REQUESTED _____%

INITIAL BID PRICES WILL REMAIN FIRM THROUGH THE DATE OF 11/30/2023.

For the purposes of comparison of bids when an escalation provision is requested, Jefferson Parish will apply the maximum escalation percentage quoted by the bidder to the period to which it is applied in the bid. The initial price and the escalation will be used to calculate the total bid price. It will be assumed, for comparison of prices only, that an equal amount of material or labor is purchased each month throughout the entire contract.

DELIVERY: FOB JEFFERSON PARISH

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES _____

LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable) 00011032

THIS SECTION MUST BE COMPLETED BY BIDDER:

FIRM NAME: Bay Pest Control Company, Inc.

ADDRESS: 6820 Washington Avenue

CITY, STATE: Ocean Springs, MS ZIP: 39564

TELEPHONE: (228) 875-8908 FAX: (228) 875-1627

EMAIL ADDRESS: mail@baypestcontrol.net

In the event that addenda are issued with this bid, bidders MUST acknowledge all addenda on the bid form. Bidder must acknowledge receipt of an addendum on the bid form by placing the addendum number as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: #1

NUMBER: _____

NUMBER: _____

NUMBER: _____

TOTAL PRICE OF ALL BID ITEMS: \$ 316,197.00

AUTHORIZED SIGNATURE: Bruno Milanese

Bruno Milanese

Printed Name

TITLE: President

SIGNING INDICATES YOU HAVE READ AND COMPLY WITH THE INSTRUCTIONS AND CONDITIONS.

NOTE: All bids should be returned with the BID NUMBER and BID OPENING DATE indicated on the outside of the envelope submitted to the Purchasing Department.

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00143197

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			LABOR, MATERIALS, EQUIPMENT, & ALL OTHER INCIDENTAL NECESSARY TO PROVIDE A FIVE YEAR CONTRACT FOR TERMITE TREATMENT AT VARIOUS JEFFERSON PARISH FACILITIES FOR DEPARTMENT OF GENERAL SERVICES.		
1	1.00	ONLY	0010 - COST TO PERFORM AN INITIAL CLEANOUT TREATMENT (YEAR 1 OF CONTRACT)	\$ 2171.00	\$ 2171.00
			GENERAL GOVERNMENT BUILDING & ROTUNDA 200 DERBIGNY STREET GRETN, LA 70053		
2	4.00	YR	0020 - COST FOR ANNUAL INSPECTION AND TREATMENT (YEARS 2 THRU 5 OF CONTRACT)	\$ 1350.00	\$ 5400.00
			GENERAL GOVERNMENT BUILDING & ROTUNDA 200 DERBIGNY STREET GRETN, LA 70053		
3	1.00	ONLY	0030 - COST TO PERFORM AN INITIAL CLEANOUT TREATMENT (YEAR 1 OF CONTRACT)	\$ 2171.00	\$ 2171.00
			THOMAS F. DONELON BUILDING 200 DERBIGNY STREET GRETN, LA 70053		
4	4.00	YR	0040 - COST FOR ANNUAL INSPECTION AND TREATMENT (YEARS 2 THRU 5 OF CONTRACT)	\$ 1350.00	\$ 5400.00
			THOMAS F. DONELON BUILDING 200 DERBIGNY STREET GRETN, LA 70053		
5	1.00	ONLY	0050 - COST TO PERFORM AN INITIAL CLEANOUT TREATMENT (YEAR 1 OF CONTRACT)	\$ 2171.00	\$ 2171.00
			DISTRICT ATTORNEY'S OFFICE 200 DERBIGNY STREET GRETN, LA 70053		
6	4.00	YR	0060 - COST FOR ANNUAL INSPECTION AND TREATMENT (YEARS 2 THRU 5 OF CONTRACT)	\$ 1350.00	\$ 5400.00
			DISTRICT ATTORNEY'S OFFICE 200 DERBIGNY STREET GRETN, LA 70053		
7	1.00	ONLY	0070 - COST TO PERFORM AN INITIAL CLEANOUT TREATMENT (YEAR 1 OF CONTRACT)	\$ 2171.00	\$ 2171.00

DATE: 8/30/2023

Page 8

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00143197

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
8	4.00	YR	CENTRAL PLANT 960 1ST STREET GRETN, LA 70053 0080 - COST FOR ANNUAL INSPECTION AND TREATMENT (YEARS 2 THRU 5 OF CONTRACT)	\$ 1350.00	\$ 5400.00
9	1.00	ONLY	CENTRAL PLANT 960 1ST STREET GRETN, LA 70053 0090 - COST TO PERFORM AN INITIAL CLEANOUT TREATMENT (YEAR 1 OF CONTRACT)	\$ 3975.00	\$ 3975.00
10	4.00	YR	SECOND PARISH COURT BUILDING 100 HUEY P. LONG AVENUE GRETN, LA 70053 0100 - COST FOR ANNUAL INSPECTION AND TREATMENT (YEARS 2 THRU 5 OF CONTRACT)	\$ 2078.00	\$ 8312.00
11	1.00	ONLY	SECOND PARISH COURT BUILDING 100 HUEY P. LONG AVENUE GRETN, LA 70053 0110 - COST TO PERFORM AN INITIAL CLEANOUT TREATMENT (YEAR 1 OF CONTRACT)	\$ 4970.00	\$ 4970.00
12	4.00	YR	PARKING GARAGE 300 DERBIGNY STREET GRETN, LA 70053 0120 - COST FOR ANNUAL INSPECTION AND TREATMENT (YEARS 2 THRU 5 OF CONTRACT)	\$ 2478.00	\$ 9912.00
13	1.00	ONLY	PARKING GARAGE 300 DERBIGNY STREET GRETN, LA 70053 0130 - COST TO PERFORM AN INITIAL CLEANOUT TREATMENT (YEAR 1 OF CONTRACT)	\$ 2814.00	\$ 2814.00
14	4.00	YR	EMERGENCY OPERATIONS AND COMMUNICATION CENTER 910 3RD STREET GRETN, LA 70053 0140 - COST FOR ANNUAL INSPECTION AND TREATMENT (YEARS 2 THRU 5 OF CONTRACT)	\$ 1606.00	\$ 6424.00

DATE: 8/30/2023

Page 9

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00143197

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			EMERGENCY OPERATIONS AND COMMUNICATION CENTER 910 3RD STREET GRETNA, LA 70053		
15	1.00	ONLY	0150 - COST TO PERFORM AN INITIAL CLEANOUT TREATMENT (YEAR 1 OF CONTRACT)	\$ 2167.00	\$ 2167.00
			CLERK OF COURT RECORD'S BUILDING 1128 4TH STREET GRETNA, LA 70053		
16	4.00	YR	0160 - COST FOR ANNUAL INSPECTION AND TREATMENT (YEARS 2 THRU 5 OF CONTRACT)	\$ 1358.00	\$ 5432.00
			CLERK OF COURT RECORD'S BUILDING 1128 4TH STREET GRETNA, LA 70053		
17	1.00	ONLY	0170 - COST TO PERFORM AN INITIAL CLEANOUT TREATMENT (YEAR 1 OF CONTRACT)	\$ 2000.00	\$ 2000.00
			OLD INSPECTION AND CODE ENFORCEMENT BUILDING 400 MAPLE SREET HARVEY, LA 70058		
18	4.00	YR	0180 - COST FOR ANNUAL INSPECTION AND TREATMENT (YEARS 2 THRU 5 OF CONTRACT)	\$ 1298.00	\$ 5192.00
			OLD INSPECTION AND CODE ENFORCEMENT BUILDING 400 MAPLE STREET HARVEY, LA 70058		
19	1.00	ONLY	0190 - COST TO PERFORM AN INITIAL CLEANOUT TREATMENT (YEAR 1 OF CONTRACT)	\$ 1430.00	\$ 1430.00
			C.A.C. BUILDING 128 WRIGHT AVENUE GRETNA, LA 70053		
20	4.00	YR	0200 - COST FOR ANNUAL INSPECTION AND TREATMENT (YEARS 2 THRU 5 OF CONTRACT)	\$ 1238.00	\$ 4952.00
			C.A.C. BUILDING 128 WRIGHT AVENUE GRETNA, LA 70053		

DATE: 8/30/2023

Page 10

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00143197

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
21	1.00	ONLY	0210 - COST TO PERFORM AN INITIAL CLEANOUT TREATMENT (YEAR 1 OF CONTRACT) SALVADOR A. LIBERTO BUILDING 200 HUEY P. LONG AVENUE GRETN, LA 70053	\$ 2235.00	\$ 2235.00
22	4.00	YR	0220 - COST FOR ANNUAL INSPECTION AND TREATMENT (YEARS 2 THRU 5 OF CONTRACT) SALVADOR A. LIBERTO BUILDING 200 HUEY P. LONG AVENUE GRETN, LA 70053	\$ 1378.00	\$ 5512.00
23	1.00	ONLY	0230 - COST TO PERFORM AN INTITAL CLEANOUT TREATMENT (YEAR 1 OF CONTRACT) CHARLES B. ODOM BUILDING 5001 WESTBANK EXPRESSWAY MARRERO, LA 70072	\$ 6090.00	\$ 6090.00
24	4.00	YR	0240 - COST FOR ANNUAL INSPECTION AND TREATMENT (YEARS 2 THRU 5 OF CONTRACT) CHARLES B. ODOM BUILDING 5001 WESTBANK EXPRESSWAY MARRERO, LA 70072	\$ 2918.00	\$ 11672.00
25	1.00	ONLY	0250 - COST FOR PERFORM AN INITIAL CLEANOUT TREATMENT (YEAR 1 OF CONTRACT) WESTBANK HEALTH UNIT 1855 AMES BLVD. MARRERO, LA 70072	\$ 5885.00	\$ 5885.00
26	4.00	YR	0260 - COST FOR ANNUAL INSPECTION AND TREATMENT (YEARS 2 THRU 5 OF CONTRACT) WESTBANK HEALTH UNIT 1855 AMES BLVD. MARRERO, LA 70072	\$ 2838.00	\$ 11352.00
27	1.00	ONLY	0270 - COST TO PERFORM AN INITIAL CLEANOUT TREATMENT (YEAR 1 OF CONTRACT) MARRERO-HARVEY SENIOR CENTER 4420 SEVENTH STREET	\$ 1830.00	\$ 1830.00

DATE: 8/30/2023

INVITATION TO BID FROM JEFFERSON PARISH - continued

Page 11

BID NO.: 50-00143197

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
28	4.00	YR	MARRERO, LA 70072 0280 - COST OF ANNUAL INSPECTION AND TREATMENT (YEARS 2 THRU 5 OF CONTRACT)	\$ 1238.00	\$ 4952.00
29	1.00	ONLY	MARRERO-HARVEY SENIOR CENTER 4420 SEVENTH STREET MARRERO, LA 70072 0290 - COST TO PERFORM AN INITIAL CLEANOUT TREATMENT (YEAR 1 OF CONTRACT)	\$ 4395.00	\$ 4395.00
30	4.00	YR	SURPLUS PROPERTY 920 DAVID DRIVE METAIRIE, LA 70003 0300 - COST FOR ANNUAL INSPECTION AND TREATMENT (YEARS 2 THRU 5 OF CONTRACT)	\$ 2242.00	\$ 8968.00
31	1.00	ONLY	SURPLUS PROPERTY 920 DAVID DRIVE METAIRIE, LA 70003 0310 - COST TO PERFORM AN INITIAL CLEANOUT TREATMENT (YEAR 1 OF CONTRACT)	\$ 5985.00	\$ 5985.00
32	4.00	YR	JEFFERSON PARISH CORRECTIONAL CENTER 100 DOLHONDE STREET GRETN, LA 70053 0320 - COST FOR ANNUAL INSPECTION AND TREATMENT (YEARS 2 THRU 5 OF CONTRACT)	\$ 2878.00	\$ 11512.00
33	1.00	ONLY	JEFFERSON PARISH CORRECTIONAL CENTER 100 DOLHONDE STREET GRETN, LA 70053 0330 - COST TO PERFORM AN INITIAL CLEANOUT TREATMENT (YEAR 1 OF CONTRACT)	\$ 1680.00	\$ 1680.00
34	4.00	YR	BRIDGE CITY SENIOR CENTER 1601 BRIDGE CITY AVENUE BRIDGE CITY, LA 70094 0340 - COST FOR ANNUAL INSPECTION AND TREATMENT (YEARS 2 THRU 5 OF CONTRACT)	\$ 1238.00	\$ 4952.00
			BRIDGE CITY SENIOR CENTER		

DATE: 8/30/2023

INVITATION TO BID FROM JEFFERSON PARISH - continued

Page 12

BID NO.: 50-00143197

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
35	1.00	ONLY	1601 BRIDGE CITY AVENUE BRIDGE CITY, LA 70094 0350 - COST TO PERFORM AN INITIAL CLEANOUT TREATMENT (YEAR 1 OF CONTRACT)	\$ 3960.00	\$ 3960.00
36	4.00	YR	JOSEPH S. YENNI BUILDING 1221 ELMWOOD PARK BLVD. JEFFERSON, LA 70123 0360 - COST FOR ANNUAL INSPECTION AND TREATMENT (YEARS 2 THRU 5 OF CONTRACT)	\$ 2078.00	\$ 8312.00
37	1.00	ONLY	JOSEPH S. YENNI BUILDING 1221 ELMWOOD PARK BLVD. JEFFERSON, LA 70123 0370 - COST TO PERFORM AN INITIAL CLEANOUT TREATMENT (YEAR 1 OF CONTRACT)	\$ 4395.00	\$ 4395.00
38	4.00	YR	FIRST PARISH COURT BUILDING 924 DAVID DRIVE METAIRIE, LA 70003 0380 - COST FOR ANNUAL INSPECTION AND TREATMENT (YEARS 2 THRU 5 OF CONTRACT)	\$ 2242.00	\$ 8968.00
39	1.00	ONLY	FIRST PARISH COURT BUILDING 924 DAVID DRIVE METAIRIE, LA 70003 0390 - COST TO PERFORM AN INITIAL CLEANOUT TREATMENT (YEAR 1 OF CONTRACT)	\$ 4885.00	\$ 4885.00
40	4.00	YR	EASTBANK JUVENILE SERVICES BUILDING 3420 N. CAUSEWAY BLVD. METAIRIE, LA 70002 0400 - COST FOR ANNUAL INSPECTION AND TREATMENT (YEARS 2 THRU 5 OF CONTRACT)	\$ 2438.00	\$ 9752.00
41	1.00	ONLY	EASTBANK JUVENILE SERVICES BUILDING 3420 N. CAUSEWAY BLVD. METAIRIE, LA 70002 0410 - COST TO PERFORM AN INITIAL CLEANOUT TREATMENT (YEAR 1 OF CONTRACT)	\$ 2180.00	\$ 2180.00

DATE: 8/30/2023

INVITATION TO BID FROM JEFFERSON PARISH - continued

Page 13

BID NO.: 50-00143197

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
42	4.00	YR	JEFFERSON SENIOR CENTER 4518 JEFFERSON HIGHWAY JEFFERSON, LA 70121 0420 - COST FOR ANNUAL INSPECTION AND TREATMENT (YEARS 2 THRU 5 OF CONTRACT)	\$ 1358.00	\$ 5432.00
43	1.00	ONLY	JEFFERSON SENIOR CENTER 4518 JEFFERSON HIGHWAY JEFFERSON, LA 70121 0430 - COST TO PERFORM AN INITIAL CLEANOUT TREATMENT (YEAR 1 OF CONTRACT)	\$ 2063.00	\$ 2063.00
44	4.00	YR	METAIRIE SENIOR CENTER 265 N. CAUSEWAY BLVD. METAIRIE, LA 70001 0440 - COST FOR ANNUAL INSPECTION AND TREATMENT (YEARS 2 THRU 5 OF CONTRACT)	\$ 1238.00	\$ 4952.00
45	1.00	ONLY	METAIRIE SENIOR CENTER 265 N. CAUSEWAY BLVD. METAIRIE, LA 70001 0450 - COST TO PERFORM AN INITIAL CLEANOUT TREATMENT (YEAR 1 OF CONTRACT)	\$ 4220.00	\$ 4220.00
46	4.00	YR	EASTBANK HEALTH UNIT 111 N. CAUSEWAY BLVD., METAIRIE, LA 70001 0460 - COST FOR ANNUAL INSPECTION AND TREATMENT (YEARS 2 THRU 5 OF CONTRACT)	\$ 2138.00	\$ 8552.00
47	1.00	ONLY	EASTBANK HEALTH UNIT 111 N. CAUSEWAY BLVD., METAIRIE, LA 70001 0470 - COST TO PERFORM AN INITIAL CLEANOUT TREATMENT (YEAR 1 OF CONTRACT)	\$ 5185.00	\$ 5185.00
48	4.00	YR	JEFFERSON PERFORMING ARTS CENTER 6400 AIRLINE DRIVE METAIRIE, LA 70003 0480 - COST FOR ANNUAL INSPECTION AND TREATMENT (YEARS 2 THRU 5 OF CONTRACT)	\$ 2558.00	\$ 10232.00

DATE: 8/30/2023

INVITATION TO BID FROM JEFFERSON PARISH - continued

Page 14

BID NO.: 50-00143197

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			JEFFERSON PERFORMING ARTS CENTER 6400 AIRLINE DRIVE METAIRIE, LA 70003		
49	1.00	ONLY	0490 - COST TO PERFORM AN INITIAL CLEANOUT TREATMENT (YEAR 1 OF CONTRACT)	\$ 3115.00	\$ 3115.00
			LOCAL HISTORY MUSEUM 519 HUEY P. LONG AVENUE GRETN, LA 70053		
50	4.00	YR	0500 - COST FOR ANNUAL INSPECTION AND TREATMENT (YEARS 2 THRU 5 OF CONTRACT)	\$ 1730.00	\$ 6920.00
			LOCAL HISTORY MUSEUM 519 HUEY P. LONG AVENUE GRETN, LA 70053		
51	1.00	ONLY	0510 - COST TO PERFORM AN INITIAL CLEANOUT TREATMENT (YEAR 1 OF CONTRACT)	\$ 2965.00	\$ 2965.00
			HOPE HAVEN PROPERTY - FEINGOLD CENTER 1116 BARATARIA BLVD., MARRERO, LA 70072		
52	4.00	YR	0520 - COST FOR ANNUAL INSPECTION AND TREATMENT (YEARS 2 THRU 5 OF CONTRACT)	\$ 1670.00	\$ 6680.00
			HOPE HAVEN PROPERTY - FEINGOLD CENTER 1116 BARATARIA BLVD., MARRERO, LA 70072		
53	1.00	ONLY	0530 - COST TO PERFORM AN INITIAL CLEANOUT TREATMENT (YEAR 1 OF CONTRACT)	\$ 2155.00	\$ 2155.00
			HOPE HAVEN PROPERTY - ST. PAT'S COTTAGE 1116 BARATARIA BLVD., MARRERO, LA 70072		
54	4.00	YR	0540 - COST FOR ANNUAL INSPECTION AND TREATMENT (YEARS 2 THRU 5 OF CONTRACT)	\$ 1338.00	\$ 5352.00
			HOPE HAVEN PROPERTY - ST. PAT'S COTTAGE 1116 BARATARIA BLVD., MARRERO, LA 70072		
55	1.00	ONLY	0550 - COST TO PERFORM AN INITIAL CLEANOUT TREATMENT (YEAR 1 OF CONTRACT)	\$ 2155.00	\$ 2155.00

DATE: 8/30/2023

INVITATION TO BID FROM JEFFERSON PARISH - continued

Page 15

BID NO.: 50-00143197

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
56	4.00	YR	HOPE HAVE PROPERTY- ST. JOE'S COTTAGE 1116 BARATARIA BLVD., MARRERO, LA 70072 0560 - COST FOR ANNUAL INSPECTION AND TREATMENT (YEARS 2 THRU 5 OF CONTRACT)	\$ 1338.00	\$ 5352.00
57	1.00	ONLY	HOPE HAVEN PROPERTY - ST. JOE'S COTTAGE 1116 BARATARIA BLVD., MARRERO, LA 70072 0570 - COST TO PERFORM AN INITIAL CLEANOUT TREATMENT (YEAR 1 OF CONTRACT)	\$ 1290.00	\$ 1290.00
58	4.00	YR	BONNABEL PUMP STATION RESIDENT HOUSE 1439 BEVERLY GARDEN DRIVE METAIRIE, LA 70002 0580 - COST FOR ANNUAL INSPECTION AND TREATMENT (YEARS 2 THRU 5 OF CONTRACT)	\$ 1238.00	\$ 1238.00
59	1.00	ONLY	BONNABEL PUMP STATION RESIDENT HOUSE 1439 BEVERLY GARDEN DRIVE METAIRIE, LA 70002 0590 - COST TO PERFORM AN INITIAL CLEANOUT TREATMENT (YEAR 1 OF CONTRACT)	\$ 985.00	\$ 985.00
60	4.00	YR	HARAHAN PUMP STATION RESIDENT HOUSE 1200 GENERES DRIVE HARAHAN, LA 70123 0600 - COST FOR ANNUAL INSPECTION AND TREATMENT (YEARS 2 THRU 5 ON CONTRACT)	\$ 1238.00	\$ 4952.00
61	1.00	ONLY	HARAHAN PUMP STATION RESIDENT HOUSE 1200 GENERES DRIVE HARAHAN, LA 70123 0610 - COST TO PERFORM AN INITIAL CLEANOUT TREATMENT (YEAR 1 OF CONTRACT)	\$ 795.00	\$ 795.00
62	4.00	YR	SUBURBAN PUMP STATION RESIDENT HOUSE 4205 AVRON BLVD. METAIRIE, LA 70006 0620 - COST FOR ANNUAL INSPECTION AND TREATMENT (YEARS 2 THRU 5 OF CONTRACT)	\$ 1238.00	\$ 4952.00

DATE: 8/30/2023

INVITATION TO BID FROM JEFFERSON PARISH - continued

Page 16

BID NO.: 50-00143197

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			SUBURBAN PUMP STATION RESIDENT HOUSE 4205 AVRON BLVD. METAIRIE, LA 70006		
63	1.00	ONLY	0630 - COST TO PERFORM AN INITIAL CLEANOUT TREATMENT (YEAR 1 OF CONTRACT)	\$ 680.00	\$ 680.00
			AMES PUMP STATION RESIDENT HOUSE 3068 MT. KENNEDY DRIVE MARRERO, LA 70072		
64	4.00	YR	0640 - COST FOR ANNUAL INSPECTION AND TREATMENT (YEARS 2 THRU 5 OF CONTRACT)	\$ 1238.00	\$ 4952.00
			AMES PUMP STATION RESIDENT HOUSE 3068 MT. KENNEDY DRIVE MARRERO, LA 70072		
65	1.00	ONLY	0650 - COST TO PERFORM AN INITIAL CLEANOUT TREATMENT (YEAR 1 OF CONTRACT)	\$ 835.00	\$ 835.00
			BAYOU SEGNETTE PUMP STATION RESIDENT HOUSE 1008 DRAKE AVENUE MARRERO, LA 70072		
66	4.00	YR	0660 - COST FOR ANNUAL INSPECTION AND TREATMENT (YEARS 2 THRU 5 OF CONTRACT)	\$ 713.00	\$ 2852.00
			BAYOU SEGNETTE PUMP STATION RESIDENT HOUSE 1008 DRAKE AVENUE MARRERO, LA 70072		

Non-Public Works Bid

AFFIDAVIT

STATE OF Mississippi

PARISH/COUNTY OF Jackson

BEFORE ME, the undersigned authority, personally came and appeared: _____

Bruno Milanese, (Affiant) who after being by me duly sworn, deposed and said that he/she is the fully authorized President of Bay Pest Control Company, Inc. (Entity), the party who submitted a bid in response to Bid Number 5000143197, to the Parish of Jefferson.

Affiant further said:

Campaign Contribution Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A _____ Attached hereto is a list of all campaign contributions, including the date and amount of each contribution, made to current or former elected officials of the Parish of Jefferson by Entity, Affiant, and/or officers, directors and owners, including employees, owning 25% or more of the Entity during the two-year period immediately preceding the date of this affidavit or the current term of the elected official, whichever is greater. Further, Entity, Affiant, and/or Entity Owners have not made any contributions to or in support of current or former members of the Jefferson Parish Council or the Jefferson Parish President through or in the name of another person or legal entity, either directly or indirectly.

Choice B X there are **NO** campaign contributions made which would require disclosure under Choice A of this section.

Debt Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A _____ Attached hereto is a list of all debts owed by the affiant to any elected or appointed official of the Parish of Jefferson, and any and all debts owed by any elected or appointed official of the Parish to the Affiant.

Choice B X There are **NO** debts which would require disclosure under Choice A of this section.

Affiant further said:

That Affiant has employed no person, corporation, firm, association, or other organization, either directly or indirectly, to secure the public contract under which he received payment, other than persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project or in securing the public contract were in the regular course of their duties for Affiant; and

[The remainder of this page is intentionally left blank.]

That no part of the contract price received by Affiant was paid or will be paid to any person, corporation, firm, association, or other organization for soliciting the contract, other than the payment of their normal compensation to persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project were in the regular course of their duties for Affiant.

Bruno Milanese
Signature of Affiant

Bruno Milanese
Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME
ON THE 28TH DAY OF September, 2023

Anna L. Wilkinson
Notary Public
Anna L. Wilkinson
Printed Name of Notary
98658
Notary/Bar Roll Number



My commission expires March 28, 2027

CORPORATE RESOLUTION

EXCERPT FROM MINUTES OF MEETING OF THE BOARD OF DIRECTORS OF
INCORPORATED.

AT THE MEETING OF DIRECTORS OF Bay Pest Control Company, Inc.
INCORPORATED, DULY NOTICED AND HELD ON September 1, 2023,
A QUORUM BEING THERE PRESENT, ON MOTION DULY MADE AND SECONDED. IT
WAS:

RESOLVED THAT Bruno Milanese, BE AND IS HEREBY
APPOINTED, CONSTITUTED AND DESIGNATED AS AGENT AND ATTORNEY-IN-
FACT OF THE CORPORATION WITH FULL POWER AND AUTHORITY TO ACT ON
BEHALF OF THIS CORPORATION IN ALL NEGOTIATIONS, BIDDING, CONCERNS
AND TRANSACTIONS WITH THE PARISH OF JEFFERSON OR ANY OF ITS AGENCIES,
DEPARTMENTS, EMPLOYEES OR AGENTS, INCLUDING BUT NOT LIMITED TO, THE
EXECUTION OF ALL BIDS, PAPERS, DOCUMENTS, AFFIDAVITS, BONDS, SURETIES,
CONTRACTS AND ACTS AND TO RECEIVE ALL PURCHASE ORDERS AND NOTICES
ISSUED PURSUANT TO THE PROVISIONS OF ANY SUCH BID OR CONTRACT, THIS
CORPORATION HEREBY RATIFYING, APPROVING, CONFIRMING, AND ACCEPTING
EACH AND EVERY SUCH ACT PERFORMED BY SAID AGENT AND ATTORNEY-IN-
FACT.

I HEREBY CERTIFY THE FOREGOING TO BE
A TRUE AND CORRECT COPY OF AN
EXCERPT OF THE MINUTES OF THE ABOVE
DATED MEETING OF THE BOARD OF
DIRECTORS OF SAID CORPORATION, AND
THE SAME HAS NOT BEEN REVOKED OR
RESCINDED.

Bruno Milanese
SECRETARY-TREASURER

09/01/2023

DATE



JEFFERSON PARISH

DEPARTMENT OF PURCHASING

CYNTHIA LEE SHENG
PARISH PRESIDENT

RENNY SIMNO
DIRECTOR

September 25, 2023

ADDENDUM # 1

Bid Number: 50-00143197

Bid Opening Date: September 28, 2023

Description of Bid: Labor, materials, equipment, transportation & all other incidental necessary to provide a five year contract for termite treatment at various Parish Facilities for Department of General Services.

Answer vendor questions and update specifications.

Remove Section 9.0 letter G and replace with the following:

Section 9.0 letter G:

For Above and Below Ground Bait System Treatment

1. The bidder shall use Isopthor Termite Bit System or owner reviewed and approved equal.
2. Ground bait stations shall be placed 10 to 15 feet apart.
3. Bidder shall be responsible for the labor to install new bidder-supplied ground Isopthor bait stations.
4. Above-ground bait stations shall be placed in buildings where termites are active.
5. Bidder shall supply and install new wooden interceptors in each bait station as needed.
6. Bidder shall supply and install Diflubenzuron 600G (or owner-reviewed and approved equal) bait into below-ground bait stations after active termites are found.
7. Bidder shall monitor above and below-ground bait stations every month until termites are no longer active.

Vendor questions and answers:

1. The address at 1116 Barataria is on the main building only, the other buildings are different address. The Feingold Center (52 and 53) at 1140 Barataria Blvd. is clearly marked on Google maps, but Joe's Cottage and Pat's Cottage are shown; could these be 1138 and 1116 Barataria Blvd. Attached is the Google map of the property please indicate which of these buildings are Joe's cottage and Pat's Cottage.

Answer: Please contact Pat Bode 504-364-3469 to set up a site visit.

2. Some buildings are crawl space structures and apparently don't have accesses into the crawl space for bid purposes, inspections, or treatment. Will accesses be provided by the Parish? The access must permanent for future inspections and treatments as well as the initial treatment.

Answer: Please contact Pat Bode 504-364-3469 to set up a site visit.

3. It appears that you are bidding both liquid and bait treatments for all buildings. Is this correct?

Answer: Yes.

JOSEPH S. YENNI BUILDING - 1221 ELMWOOD PARK BLVD - SUITE 404 - JEFFERSON, LA 70123 - PO BOX 10242 JEFFERSON, LA 70181-0242
OFFICE 504.364-2678

GENERAL GOVERNMENT BUILDING - 200 DERBIGNY ST - SUITE 4400 - GRETN, LA 70053 - PO BOX 9 - GRETN - LA 70054
OFFICE 504.364.2678

EMAIL: PURCHASING@JEFFPARISH.NET

WEBSITE: WWW.JEFFPARISH.NET



JEFFERSON PARISH

DEPARTMENT OF PURCHASING

CYNTHIA LEE SHENG
PARISH PRESIDENT

RENNY SIMNO
DIRECTOR

4. Your specification 9.0, G,7 states that "Bidder shall supply and install Prothor WSP liquid (or owner reviewed and approved equal) into the above ground bait stations after active termites are found. This is a label violation. No pesticide is to be installed around the Bait placement and especially into bait station. This is common to all bait systems.

Answer: We will heed the advice of the product label and eliminate this line from the specifications.

5. We want to have an alternate bait system approved. We will use **Sentricon Termite Colony Elimination system**. This system is most widely used and researched baiting system with many peer reviewed studies confirming it's efficacy. Labels and SDS documents for each of the components stations, both the In-ground system (RECRUIT HD) and the above-ground (RECRUIT AG Flex Pack) system are attached for approval.

Answer: This system would be an owner approved equal.

Sincerely,

Donna Reamey
Buyer 2

Bidders must acknowledge all addenda on the bid form. Bidder acknowledges receipt of this addendum on the bid form by indicating the addendum number listed above. Failure to list each addenda number on the bid form will result in bid rejection.

This addendum is a part of the contract documents and modifies the original bidding documents and specifications. The contents of this addendum shall be included in the contract documents. Changes made by this addendum shall take precedence over the documents of earlier date.

JOSEPH S. YENNI BUILDING - 1221 ELMWOOD PARK BLVD - SUITE 404 - JEFFERSON, LA 70123 - PO BOX 10242 JEFFERSON, LA 70181-0242
OFFICE 504.364-2678

GENERAL GOVERNMENT BUILDING - 200 DERBIGNY ST - SUITE 4400 - GRETNA, LA 70053 - PO BOX 9 - GRETNA - LA 70054
OFFICE 504.364.2678

EMAIL: PURCHASING@JEFFPARISH.NET

WEBSITE: WWW.JEFFPARISH.NET



09-28-2023

Bid Bond in Accordance with Contract Specifications

SLA09286058

Bay Pest Control Company Inc.

Bond Number**Principal Name**

6820 Washington Avenue, Ocean Springs, MS, 39564, US

Principal Address**Principal Signature**

Jefferson Parish

200 Derbigny Street, Gretna, LA, 70053, US

Owner/Obligee Name**Owner/Obligee Address**

Bond Information

09-28-2023

The Gray Casualty & Surety Company

296124

Bid Date**Surety****Contractor Vendor ID Number**

5000143197

Contract ID Number

5000143197 Labor, Materials, Equipment, Transportation and all Other Incidentals Necessary to Provide a Five (5) Year Contract for Termite Treatment at Various Jefferson Parish Facilities for Department of General Services

Description of Job

Five Percent of the amount bid

5%

Amount of Bid Security**Bid Security Maximum****Bid Security Percentage**

Randolph A Brunson

Attorney-in-Fact

R.A. Brunson, Inc.

Bond Entered and Executed By**Primary Agency****Attorney-In-Fact Signature**

Know all men by these presents that The Gray Casualty & Surety Company, a Corporation duly organized under the laws of the State of LA, are held and firmly bound unto the above owner/obligee by the transmission. The surety agrees to waive the statute of Fraud defense and further agrees that the owner/obligee is a third party beneficiary of the waiver for the purposes of enforcing this bid bond.





LOUISIANA DEPARTMENT OF AGRICULTURE & FORESTRY

MIKE STRAIN DVM, COMMISSIONER

Structural Pest Control Commission, P.O. Box 3596, Baton Rouge, LA 70821-9081, (225) 925-4578, FAX (225) 925-3760

STRUCTURAL PEST CONTROL LICENSE:

BRUNO MILANESE
3005 HAVARD AVE
METAIRIE LA 70006

Date: 02/23/2022

LDAF ID: 00011032

Phone:

Phase(s): LP1-General Pest Control
LP2-Commercial Vertebrate Control
LP3-Termite Control
LP4-Structural Fumigation

Please verify information for correctness. If changes are necessary, make corrections and promptly return to issuing agency.

LOUISIANA DEPARTMENT OF AGRICULTURE & FORESTRY

MIKE STRAIN DVM, COMMISSIONER

Structural Pest Control Commission, P.O. Box 3596, Baton Rouge, LA 70821-9081, (225) 925-4578, FAX (225) 925-3760

Be it known that the individual named below has complied with all relevant requirements of the Louisiana Revised Statutes and effective 12/08/2021 through the date(s) indicated is hereby authorized to engage in **STRUCTURAL PEST CONTROL** in the phases listed.

	Phase(s): <u>Phase</u>	<u>Recertify By</u>
BRUNO MILANESE (00011032)	LP1-General Pest Control	12/31/2024
	LP2-Commercial Vertebrate Control	12/31/2024
	LP3-Termite Control	12/31/2024
	LP4-Structural Fumigation	12/31/2024
3005 HAVARD AVE		
METAIRIE LA 70006		
BAY PEST CONTROL COMPANY INC (00016743)		

DISPLAY IN PLACE OF BUSINESS

Mike Strain
Commissioner

2323

LOUISIANA DEPARTMENT OF AGRICULTURE & FORESTRY

Agricultural & Environmental Sciences

Post Office Box 3596

Baton Rouge, LA 70821



IMPORTANT
OFFICIAL DOCUMENT ENCLOSED

BRUNO MILANESE
PO BOX 1612
OCEAN SPRINGS MS 39566



LOUISIANA DEPARTMENT OF AGRICULTURE & FORESTRY

MIKE STRAIN D V M, COMMISSIONER

Structural Pest Control Commission, 5825 Florida Blvd., Suite 3003, Baton Rouge, LA 70806, (225) 925-4578, FAX (225) 925-3760

License No. 001Z9F

BAY PEST CONTROL COMPANY INC

Date: 08/23/2023

Permit No: 001Z9F

Phone: (228) 875-8908

Primary Licensee(s):

00237B - BRUNO MILANESE

Phase(s):

LP1 - General Pest Control, LP2 - Commercial Vertebrate Control, LP3 - Termite Control, LP4 - Structural Fumigation

Please verify information for correctness. If changes are necessary, make corrections and promptly return to issuing agency.

Louisiana Department of Agriculture & Forestry

Mike Strain DVM, Commissioner

Structural Pest Control Commission, 5825 Florida Blvd., Suite 3003, Baton Rouge, LA 70806

Be it known that the entity named below has complied with all relevant requirements of the Louisiana Revised Statutes and effective Jul 11, 2023 through Jun 30, 2024 is hereby authorized to engage in **STRUCTURAL PEST CONTROL** in the phases listed.

Primary Licensee(s):

00237B - BRUNO MILANESE

Phase(s):

LP1 - General Pest Control, LP2 - Commercial Vertebrate Control, LP3 - Termite Control, LP4 - Structural Fumigation

BAY PEST CONTROL COMPANY INC
PO BOX 1612
OCEAN SPRINGS MS 39566

DISPLAY IN A PROMINENT PLACE.

Permit No: 001Z9F

Mike Strain
Commissioner

2323

LOUISIANA DEPARTMENT OF AGRICULTURE & FORESTRY

Agricultural & Environmental Sciences
5825 Florida Blvd., Suite 3003
Baton Rouge, LA 70806



IMPORTANT
OFFICIAL DOCUMENT ENCLOSED

BAY PEST CONTROL COMPANY INC
PO BOX 1612
OCEAN SPRINGS MS 39566



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

9/28/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Select Insurance Agency, Inc. 676A White Plains Rd. Scarsdale NY 10583	CONTACT NAME: Certificate Department PHONE (A/C, No, Ext): 914-337-2240 FAX (A/C, No): 914-337-2219 E-MAIL ADDRESS: certificates@selectagency.com
INSURED Bay Pest Control Company, Inc. PO Box 1612 Ocean Springs MS 39566	INSURER(S) AFFORDING COVERAGE INSURER A: Imperium Insurance Company INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:

License#: BR-849741
BAYPEST-01NAIC #
35408**COVERAGES****CERTIFICATE NUMBER:** 24221425**REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractual Liab <input checked="" type="checkbox"/> Pollution Liab GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:		IIC-GL-07003-02	12/31/2022	12/31/2023	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 3,000,000 PRODUCTS - COMP/OP AGG \$ 3,000,000 \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY					COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$		IIC-EX-00963-02	12/31/2022	12/31/2023	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input type="checkbox"/> N/A				PER STATUTE <input type="checkbox"/> OTH-ER <input type="checkbox"/> E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
A	Crime		IIC-CR-00110-02	12/31/2022	12/31/2023	Employee Dishonest 250,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

BID# 50-00143197

Jefferson Parish, its Districts Departments and Agencies under the direction of the Parish President and the Parish Council as Additional Insured when required by written contract.

CERTIFICATE HOLDER**CANCELLATION**Jefferson Parish Purchasing Dept
PO Box 9
Gretna LA 70054-0009

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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BAYPEST-01

BNEDELKOVSKI

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

9/28/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

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PRODUCER Riemer Insurance Group, Inc. P O Box 250 Hallandale, FL 33008	CONTACT NAME: Amanda Pasqualini		
	PHONE (A/C, No, Ext): (754) 202-0883	FAX (A/C, No):	
	E-MAIL ADDRESS: apasqualini@riemerinsurance.com		
INSURED Bay Pest Control Company, Inc. PO Box 1612 Ocean Springs, MS 39566	INSURER(S) AFFORDING COVERAGE		NAIC #
	INSURER A: Technology Insurance Co.		42376
	INSURER B:		
	INSURER C:		
	INSURER D:		
	INSURER E:		
	INSURER F:		

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY						
	<input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR						EACH OCCURRENCE \$
							DAMAGE TO RENTED PREMISES (Ea occurrence) \$
							MED EXP (Any one person) \$
							PERSONAL & ADV INJURY \$
							GENERAL AGGREGATE \$
							PRODUCTS - COMP/OP AGG \$
							\$
	GEN'L AGGREGATE LIMIT APPLIES PER:						
	<input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC						
	OTHER:						
	AUTOMOBILE LIABILITY						
	<input type="checkbox"/> ANY AUTO						COMBINED SINGLE LIMIT (Ea accident) \$
	<input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS						BODILY INJURY (Per person) \$
	<input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY						BODILY INJURY (Per accident) \$
							PROPERTY DAMAGE (Per accident) \$
							\$
							\$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR						EACH OCCURRENCE \$
	EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE						AGGREGATE \$
	DED <input type="checkbox"/> RETENTION \$						\$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	Y/N	N/A	TWC4226303	2/15/2023	2/15/2024	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. EACH ACCIDENT \$ 1,000,000
							E.L. DISEASE - EA EMPLOYEE \$ 1,000,000
							E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Pest Control Operations

Bid# 50-00143197

CERTIFICATE HOLDER

CANCELLATION

Jefferson Parish Purchasing Department
200 Derbigny Street
General Government Building, Suite 4400
Gretna, LA 70053

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE




CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

09/28/2023

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PRODUCER  E. G. Warren, Agent State Farm Insurance 1301 Pass Road Gulfport MS 39501-5158	CONTACT NAME: Eric G. Warren PHONE (A/C, No, Ext): 228-864-2060 FAX (A/C, No): 228-863-8732 E-MAIL ADDRESS: eric.warren.lygi@statefarm.com
INSURED Bay Pest Control Company, Inc 6820 Washington Avenue PO Box 1612 Ocean Springs MS 39566-1612	INSURER(S) AFFORDING COVERAGE INSURER A: State Farm Mutual Automobile Insurance Company INSURER B: <input type="checkbox"/> INSURER C: <input type="checkbox"/> INSURER D: <input type="checkbox"/> INSURER E: <input type="checkbox"/> INSURER F: <input type="checkbox"/>

COVERAGES**CERTIFICATE NUMBER:****REVISION NUMBER:**

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INSR LTR	TYPE OF INSURANCE	ADD INSD	SUB WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER:						EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ \$
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> OWNED AUTOS <input checked="" type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	Y	Y	337 3025-A05-24	01/05/2023	01/05/2024	COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ 1,000,000 BODILY INJURY (Per accident) \$ 1,000,000 PROPERTY DAMAGE (Per accident) \$ 1,000,000 \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input type="checkbox"/> RETENTION \$ <input type="checkbox"/>						EACH OCCURRENCE \$ AGGREGATE \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input type="checkbox"/> Y <input type="checkbox"/> N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		N/A				PER STATUTE <input type="checkbox"/> OTH-ER <input type="checkbox"/> \$ E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Bid Number 50-00143197

Additional Insured: Jefferson Parish, its Districts Departments and Agencies under the direction of the Parish President and the Parish Council

CERTIFICATE HOLDER**CANCELLATION**

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Jefferson Parish Purchasing Department
200 Derbigny Street
General Government Building, Suite 4400
Gretna

LA 70053

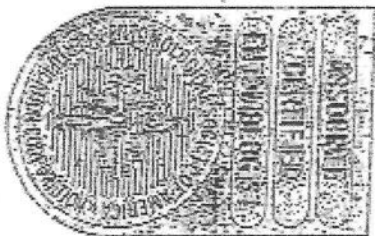
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ACORD 25 (2016/03)

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1001486 132849.14 04-13-2022

ENTOMOLOGICAL SOCIETY OF AMERICA



RECOGNIZES

Bruno V. Milhise

AS AN

ASSOCIATE CERTIFIED ENTOMOLOGIST
AS RECOGNIZED BY THE ESA CERTIFICATION PROGRAM

CERTIFICATION NUMBER NO764

CERTIFICATION DATE 10/2/2013

[Signature]
DIRECTOR, CERTIFICATION BOARD

October 9, 2013
DATE



the mark of excellence
in pest management

10460 North Street Fairfax, VA 22030
703.352.6762 | qualitypro@pestworld.org
www.qualitypro.org

To Whom It May Concern:

I am writing to notify you that Bay Pest Control Company, Inc. is QualityPro accredited and has earned the mark of excellence in pest management. As a QualityPro accredited company, Bay Pest Control Company, Inc. has placed itself in the top echelon of pest management companies in the nation. QualityPro is the credentialing organization endorsed by the National Pest Management Association to encourage professionalism and recognize excellence in the industry. Less than 3% of pest control companies in the US have earned this prestigious designation.

QualityPro accredited companies voluntarily ascribe to a set of qualifications that go above and beyond government requirements. As a potential customer, qualifications that may interest you include:

- Checking employee references and motor vehicle records
- Doing criminal background checks on all employees where permitted by law
- Employing only highly-trained, credentialed employees
- Holding an up-to-date insurance policy
- Maintaining a drug free in the workplace policy
- Truthful and ethical advertising
- Agreeing to periodic audits ensuring adherence to QualityPro standards

The website, www.qualitypro.org, contains more information about what QualityPro is and what it means to your partner in pest management. QualityPro accreditation truly sets Bay Pest Control Company, Inc. apart from non-QualityPro accredited companies.

If you have any questions, please call me at 703-352-6762 or e-mail me at qualitypro@pestworld.org.

Sincerely,

Allison Allen, BCE
Executive Director, QualityPro

Expires 1/2024

Endorsed by



QualityPro is administered by the Foundation for Professional Pest Management and endorsed by the National Pest Management Association. QualityPro is an independent organization that develops good business practices and standards for pest management companies in the US and Canada.

QualityPro



Presenting this certificate of excellence to

Bay Pest Control Company, Inc.

in acknowledgment of your continuing efforts toward professional excellence in the pest management industry by meeting the requirements to be a QualityPro accredited company. You have achieved the mark of excellence in pest management.

Endorsed by



National Pest Management Association

NPPMAQualityPro.org

A handwritten signature in black ink, appearing to read 'J. H. Smith', is written over a horizontal line.

OFFICIAL SIGNATURE

EXPIRES 1/2024

LOUISIANA DEPARTMENT OF
AGRICULTURE & FORESTRY

CERTIFICATION CARD

BAY PEST CONTROL COMPANY INC

BRUNO MILANESE
5820 WASHINGTON AVE
OCEAN SPRINGS, MS 39564

ID Number

00011032

Effective Date: 12/8/2021



Mike Strain
MIKE STRAIN DVM, COMMISSIONER



CERTIFIED, LICENSED OR REGISTERED AS
(ST) STRUCTURAL PEST CONTROL LICENSEE

CATEGORIES

RECERTIFY BY

LP1-General Pest Control

12/31/2024

LP2-Commercial Vertebrate Control

12/31/2024

LP3-Termite Control

12/31/2024

LP4-Structural Fumigation

12/31/2024

SIGNATURE: _____

LDAF PESTICIDE SPILL HOTLINE: 225-925-3763

LA POISON CONTROL CENTER: 800-222-1222

Termite Control Product list

Navigator Sc

Taurus

Tim-bor professional

Advance Bait Stations

Trelona Compressed Termite Bait

Fuse Foam Ready to use

NAVIGATOR[®] SC Termiticide/Insecticide

Active Ingredient:

Fipronil: 5-amino-1-(2,6-dichloro-4-(trifluoromethyl) phenyl)-4-((1,R,S)-

(trifluoromethyl)sulfinyl)-1-H-pyrazole-3-carbonitrile 9.1%

Other Ingredients:..... 90.9%

Total: 100.0%

One gallon of **Navigator SC Termiticide/Insecticide** contains **0.8 lb of fipronil**.

EPA Reg. No.: 93182-23

EPA Est. No. 5481-ID-001 (ID)

For sale to, use and storage only by individuals/firms licensed or registered by the state to apply termiticide and/or general pest control products.

It is a violation of federal law to use this product in a manner inconsistent with its labeling

DO NOT use this product for termite or other pest control indoors except for label-specified applications for termite control and foam applications to wall voids for control other listed pests.

DO NOT use on golf course turf. May be used for control of termites and other listed pests found on/near structures associated with golf courses, but only as specified on this label.

DO NOT use on animal trophies or animal skins.

DO NOT use on/in commercial bee hives.

See inside booklet for additional First Aid, Precautionary Statements and Directions for Use, and Conditions of Sale and Warranty.

Shake Well Before Using

**KEEP OUT OF REACH OF CHILDREN
CAUTION/PRECAUCIÓN**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you).

For emergency medical treatment information call: 1-(866)-359-5660

NET CONTENTS: [fl.oz.]

Manufactured For:

Gharda Chemicals International Inc.

760 Newtown-Yardley Rd.

Suite 110

Newtown, PA 18940

1-215-968-9474

[UPC Symbology]

[Back Container Label

NAVIGATOR® SC Termiticide/Insecticide

FIRST AID	
If swallowed:	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• DO NOT induce vomiting unless told to do so by a poison control center or doctor.• DO NOT give anything by mouth to an unconscious person
If on skin or clothing:	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15–20 minutes.• Call a poison control center or doctor for treatment advice.
If Inhaled:	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.• Call a poison control center or doctor for treatment advice
If in eyes:	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice,
Note to Physician: There is no specific antidote. All treatment should be based on observed signs and symptoms of distress in the patient. Overexposure to materials other than this product may have occurred. In severe cases of overexposure by oral ingestion, lethargy, muscle tremors, and extreme cases, possible convulsions may occur.	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment For additional information on this product (including health concerns, medical emergencies, or pesticide incidents), you may call 1-(866)-359-5660, twenty-four (24) hours per day, seven (7) days per week.	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals Caution

Harmful if swallowed, absorbed through skin or inhaled. Do not get in eyes, on skin or on clothing. Do not breathe spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove and wash contaminated clothing before reuse.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling. Read the entire

label before using this product,

NAVIGATOR SC Termiticide/Insecticide cannot be used to formulate, reformulate, or package into any other pesticide product without the written permission of Gharda Chemicals International Inc.

For sale to, use and storage only by individuals/firms licensed or registered by the state to apply termiticide and/or general pest control products. States may have more restrictive requirements regarding qualification of persons using this product. Consult the structural pest control regulatory agency of your state concerning use of this product.

STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by storage or disposal. **Pesticide Storage:** Unused product should be stored in its original container only, out of the reach of children and animals. **Pesticide**

Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. **CONTAINER HANDLING Nonrefillable Container.** **DO NOT** reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying; then offer for recycling, if available, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities. See attached booklet for complete container handling directions including triple rinsing and pressure rinsing instructions,

ENVIRONMENTAL HAZARDS

For terrestrial uses, this pesticide is toxic to birds, fish, and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high-water mark. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Care must be taken to avoid runoff. Do not contaminate water by cleaning equipment or disposal of wastes. Do not contaminate water when disposing of equipment washwaters or rinsate.

NAVIGATOR is a Registered Trademark of Gharda Chemicals Limited.

NAVIGATOR® SC

Termiticide/Insecticide

Active Ingredient:

Fipronil: 5-amino-1-(2,6-dichloro-4-(trifluoromethyl) phenyl)-4-((1,R,S)-(trifluoromethyl)sulfinyl)-1-H-pyrazole-3-carbonitrile9.1%

Other Ingredients:.....90.9%

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One gallon of **Navigator SC Termiticide/Insecticide** contains **0.8 lb of fipronil**.

EPA Reg. No.: 93182-23

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DO NOT use on/in commercial bee hives.

See inside booklet for additional First Aid, Precautionary Statements and Directions for Use, and Conditions of Sale and Warranty.

Shake Well Before Using

KEEP OUT OF REACH OF CHILDREN

CAUTION/PRECAUCIÓN

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you).

NET CONTENTS: [fl.oz.]

Manufactured For:

Gharda Chemicals International Inc.
760 Newtown-Yardley Rd.
Suite 110
Newtown, PA 18940
1-215-968-9474

[UPC Symbology]

[Table of Contents to be inserted inside DFU Booklet
[Inside Booklet Page 2]

FIRST AID	
If Swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • DO NOT induce vomiting unless told to by a poison control center or doctor. • DO NOT give anything by mouth to an unconscious person.
If on Skin or Clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15–20 minutes. • Call a poison control center or doctor for treatment advice.
If Inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for treatment advice
If in Eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment.</p> <p>For additional information on this product (including health concerns, medical emergencies, or pesticide incidents), you may call 1-(866)-359-5660, twenty-four (24) hours per day, seven (7) days per week.</p> <p>NOTE TO PHYSICIAN: There is no specific antidote. All treatment should be based on observed signs and symptoms of distress in the patient. Overexposure to materials other than this product may have occurred. In severe cases of overexposure by oral ingestion, lethargy, muscle tremors, and in extreme cases, possible convulsions may occur.</p>	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear goggles, face shield, or safety glasses. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Applicators and other handlers must wear:

- Long-sleeved shirt, or short sleeved shirt with disposable sleeve covers, and long pants
- Shoes plus socks
- Waterproof gloves, such as, barrier laminate, butyl rubber ≥ 14 mils, neoprene rubber* ≥ 14 mils, polyethylene, polyvinyl chloride (PVC) ≥ 14 mils, or Viton ≥ 14 mils.

*Include natural rubber and laminates.

When working in a non-ventilated space, including but not limited to basements and crawl spaces, all pesticide handlers must wear:

- A dust/mist filtering respirator which includes a NIOSH approved respirator with any N, R, P, or HE filters or NIOSH approval number prefix TC- 84A.

When working in a non-ventilated space, including but not limited to basements and crawl spaces or when applying termiticide by rodding or sub-slab injection, all pesticide handlers must wear:

- Protective eyewear (goggles, a face shield, or safety glasses with front, brow, and temple Protection)

Follow the manufacturer's instructions for cleaning/ maintaining PPE. IF no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry

User Safety Recommendations

Wash thoroughly with soap and water after handling. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

For terrestrial uses, this pesticide is toxic to birds, fish, and aquatic invertebrates. **DO NOT** apply directly to water or to areas where surface water is present or to intertidal areas below the mean high-water mark. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Care must be taken to avoid runoff. **DO NOT** contaminate water by cleaning equipment or disposal of wastes. **DO NOT** contaminate water when disposing of equipment wash waters or rinsate.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

DO NOT USE THIS PRODUCT TO FORMULATE, REFORMULATE, OR REPACKAGE INTO ANY OTHER PESTICIDE PRODUCT.

For sale to, use and storage only by individuals/firms licensed or registered by the state to apply termiticide and/or general pest products. States may have more restrictive requirements regarding qualifications or persons using this product. Consult the structural pest control regulatory agency of your state prior to use of this product.

Read the entire label before using this product.

Shake Well Before Using

For Use for Control of Termites

USE RESTRICTIONS

- When treating adjacent to an existing structure, the applicator must check the area to be treated, and immediately adjacent areas of the structure, for visible and accessible cracks and holes to prevent any leaks or significant exposures to persons occupying the structure. People present or residing in the structure during application must be advised to remove their pets and themselves from the structure if they see any signs of leakage. After application, the applicator is required to check for leaks. All leaks resulting in the deposition of termiticide in locations other than those prescribed on this label must be cleaned up prior to leaving the application site.
- **DO NOT** allow people or pets to contact contaminated areas or to reoccupy contaminated areas of the structure until the cleanup is completed.
- Prior to drilling and treating through concrete structures, such as patios, porches, sidewalks and foundation slabs,

applicator should first determine that there are no habitable areas below that could be unintentionally contaminated by the treatment.

- Only protected applicators wearing personal protective equipment as required by this product label may be in the area during application.
- All holes in commonly occupied areas into which **Navigator SC Termiticide/Insecticide** has been applied must be plugged. Plugs must be of a non-cellulose material or covered by an impervious, non-cellulose material.
- **DO NOT** apply finished dilution of **Navigator SC Termiticide/Insecticide** until all heating/air conditioning ducts, air vents, plumbing pipes, sewer lines, floor drains, heating pipes and electrical lines/conduits are known and identified. Do not puncture or contaminate any of these.
- **DO NOT** use this product in voids insulated with rigid foam.
- **DO NOT** contaminate public and private water supplies.
- **DO NOT** make treatments while precipitation is occurring.
- **DO NOT** treat soil that is water-saturated or frozen, or in conditions where runoff or movement from the treatment area/site will occur.

Product Information

When used as in accordance with the directions in this label this product provides effective prevention and/or control of subterranean termites. This product must be applied in a manner to provide a continuous treated zone to effectively prevent termites from infesting the wood. **Navigator SC Termiticide/Insecticide** may only be applied by licensed technicians familiar with trenching, rodding, short rodding, sub-slab injection, low-pressure banded surface applications, and foam delivery techniques. This product is a termiticide against a variety of subterranean termites including species of *Reticulitermes*, *Zootermopsis*, *Heterotermes*, and *Coptotermes*, and other wood infesting pests (e.g., carpenter ants, beetles, borers).

Navigator SC Termiticide/Insecticide is labeled for use at 0.06%, 0.09%, or 0.125% finished dilution. The 0.06% finished dilution should be used for typical prevention and/or control situations. Where severe termite or other wood-infesting pest infestations, problem soils, or problem construction types exist, it is advisable to use 0.09% or 0.125% **Navigator SC Termiticide/Insecticide** finished dilution, if permitted in the applicable use directions throughout this label.

Where permitted within the use directions, **Navigator SC Termiticide/Insecticide** can be applied as a foam application as directed in the Foam Applications for Prevention and/or Control of Termite, Wood Infesting Pests, and General Pest Control section of this label.

Navigator SC Termiticide/Insecticide is formulated as water-based suspension concentrate liquid containing 9.1% active ingredient.

Mixing Instructions

Mix **Navigator SC Termiticide/Insecticide** with water in the following manner:

1. Fill mix tank 1/4 to 1/3 full with water. The filling hose must be equipped with an acceptable anti-backflow device, or the water flow must include an air gap to protect against back siphoning.
2. Start the pump to begin by-pass agitation and place the end of the treating tool in the tank to allow circulation through the spray hose.
3. Add the appropriate amount of **Navigator SC Termiticide/Insecticide** required to prepare the desired dilution. (See Table below).
4. Add the remaining amount of water.
5. Continue to run the pump allowing recirculation through the hose back into the tank until the **Navigator SC Termiticide/Insecticide** is completely dispersed.

NOTE: for tanks pre-filled with water, follow steps 2, 3, and 5 above. Recirculation/agitation may not be required for inline injection or other application systems.

Finished Dilution Concentration (% ai by wt) Navigator SC Termiticide/Insecticide	Fluid ounces of Navigator SC Termiticide/Insecticide	Finished Dilution (Gallons)
0.06%	0.8 fl oz	1
	19 fl oz (or 1 pt + 3 fl oz)	24.75
	39 fl oz (or 1 qt + 7 fl oz)	49.75
	78 fl oz (or 2 qt + 14 oz)	99.25
0.09%	1.2 fl oz	1
	29 fl oz (or 1 pt + 13 fl oz)	24.75
	59 fl oz (or 1 qt + 27 fl oz)	49.75
	117 fl oz (or 3 qt + 21 fl oz)	99
0.125%	1.6 fl oz	1
	39 fl oz (or 1 qt + 7 fl oz)	24.75
	78 fl oz (or 2 pt + 14 fl oz)	49.75
	156 fl oz (or 1 gal + 28 fl oz)	98

Percentage weight of active ingredient to weight of spray dilution.

Application Rates for Termiticide Use

For most applications, use the 0.06% dilution and apply at a rate of 4 gallons of dilution per 10 linear feet per foot of depth. For example, for treatment of 10 linear feet with a 4 foot depth use 4 x 4 (16) gallons per 10 linear feet. **DO NOT** apply at a concentration less than 0.06%. Where severe termite infestations occur, where problem soils occur or where difficult or problem construction types are encountered it may be advisable to use either 0.09% or 0.125% concentration. Apply the higher concentration at a rate of 4 gallons of solution per 10 linear feet per foot or depth. For example for treatment of 10 linear feet with a 4 foot depth use 16(4 x 4) gallons per 10 linear feet. In dense soil which will not accept a volume of 4 gallons per linear foot per foot of depth use the 0.125% dilution and apply at a rate of 2 gallons per 10 linear feet per foot of depth. For example, for treatment of 10 linear feet with a 4 foot depth use 8 (2x4) gallons per 10 linear feet. When using the lower volume of application, be careful to maintain a continuous treatment zone. If application requires drilling, drill holes less than 12 inches apart to maintain a continuous treated zone.

PRE-CONSTRUCTION TERMITE TREATMENTS

Basic Information for Pre-construction Termite Treatments

For pre-construction treatments, up to and including installation of the finished grade:

- **DO NOT** apply at a **LOWER** dosage and/or concentration than 0.06%, 0.09% or 0.125% for horizontal and vertical treatments.
- **DO NOT** apply at a **LOWER** finished dilution volume than 1.0 to 1.5 gallons per 10 square feet for concrete slabs on ground or in basements (horizontal treated zones.)
- **DO NOT** apply at a **LOWER** finished dilution volume than 2 gallons per 10 linear feet per foot or depth for vertical treated zones along this interior and exterior perimeter of foundation walls and around pillars and other foundation elements.

In advance of treatment applicators must notify the general contractor, construction superintendent or other responsible personnel of the intended **Navigator SC Termiticide/Insecticide** application and the intended sites of application. Applicators must instruct the person responsible to notify construction workers and other individuals on site to vacate the treatment area and not to return until **Navigator SC Termiticide/Insecticide** has been absorbed into the soil. **DO NOT** apply at a dosage and/or concentration lower than 0.06% for applications up to and including installation of the final grade.

Pre-construction Application Information

Pre-construction treatments include any treatment made during all phases of construction up to and including installation of the final grade. Establishing a thorough and complete horizontal and vertical treated zone will provide effective pre-construction termite control. When foundations are deeper than 4 feet it is preferable to apply **Navigator SC Termiticide/Insecticide** as the backfill is being replaced. If the backfill is already in place the applicator must trench and rod into the trench or trench along the foundation walls around pillars and other foundation elements, at the rate prescribed from grade to a minimum depth

of 4 feet. When trenching in sloping or tiered soil the trench must be stepped to ensure adequate distribution and to prevent **Navigator SC Termiticide/Insecticide** from running out of the trench. When trenching, trenches must be a minimum of 6 inches deep (no deeper than the bottom of the footing) and need not be wider than 6 inches. When the top of the footing is exposed the soil adjacent to the footing must be treated to a depth not to exceed the bottom of the footing. Never treat any structure below the footing.

Concrete Slab (Including Monolithic, Floating and Supported Concrete Slabs) on Ground or in Basements and Crawl Spaces

Horizontal Treated Zones: Apply an overall treatment of **Navigator SC Termiticide/Insecticide** to the entire surface to be covered by the concrete slab. This includes living area, as well as, carports, porches, basement floors, and any extended entrances. Apply this treatment at the rate of 1 - 1.5 gallons finished dilution per 10 square feet using a coarse spray nozzle and low-pressure spray (less than 25 psi). Spray the dilution evenly and uniformly over the entire area treated. If a slab is not to be poured the same day as treatment, cover the treated soil with a waterproof barrier such as polyethylene sheeting.

Vertical Treated Zones: Apply **Navigator SC Termiticide/Insecticide** at rate of 1 gallon finished dilution per square foot around anything penetrating the slab, such as, utility services and plumbing lines. Apply **Navigator SC Termiticide/Insecticide** at a rate of 4 gallons of finished dilution per 10 linear feet per foot of depth along the inside and outside perimeter of the foundation walls. The applicator must trench and rod into the trench or trench along the foundation walls and around pillars and other foundation elements. If the footing is more than 4 feet below grade make this treatment to a minimum depth of 4 feet below grade. A trench need not be wider than 6 inches. Treat the soil which will be replaced in the trench using a low pressure (not more than 25 p.s.i. at the nozzle). When rodding from grade or from the bottom of a shallow trench, space the rod holes no more than 12 inches apart in a manner which will create a continuous treated zone.

The horizontal and vertical treated zone applications should be made prior to covering the area with a concrete slab. A complete horizontal treated zone can be created prior to the slab pour. However, if the slab was poured before a horizontal treatment could be made, refer to the **POST CONSTRUCTION** section of this label for alternate application instructions

Hollow Block Foundations or Voids

Create a continuous treatment zone by treating hollow block foundations or voids in masonry resting atop the footing. If voids in the masonry elements are not openly accessible, drill and treat into these voids by applying 2 gallons of finished dilution per 10 linear feet of footing using a nozzle pressure of 25 psi or lower. When using this treatment, drill the access holes as close to the footing as practical. Drilling below the sill plate is acceptable. Applicators must examine the treated areas of voids in block or rubble foundation walls closely for possible runoff as a precaution against application leakage. Mechanical alteration to some areas may be required before a treatment can be made. Other areas may not be treatable.

All leaks resulting in the deposition of **Navigator SC Termiticide/Insecticide** in locations other than those prescribed on this label must be cleaned up prior to leaving the application site. **DO NOT** allow people or pets to contact contaminated areas or to reoccupy the contaminated areas of the structure until the cleanup is completed.

POST-CONSTRUCTION STRUCTURAL TERMITE TREATMENT

POST-CONSTRUCTION APPLICATION INFORMATION

For applications of **Navigator SC Termiticide/Insecticide** made after the final grade is installed, to protect the structure from termite infestation and/or to control existing termite populations, the applicator must trench and rod into the trench or trench and treat along the foundation walls, around pillars and around other foundation elements at either 0.06% or 0.09% or 0.125% from grade to the top of the footing. When the footing is more than 4 feet below grade treat to a minimum depth of 4 feet. The depth of treatment will vary depending on soil type, degree of compaction and location of termite activity. When the top of the footing is exposed the soil adjacent to the footing must be treated to a depth not to exceed the bottom of the footing. Never treat any structure below the footing.

To establish a complete exterior perimeter treatment zone along the foundation wall, drill any exterior concrete structures adjoining the foundation, such as patios, porches and sidewalks, and, treat by sub-slab injection of **Navigator SC Termiticide/Insecticide** finished dilution. Before treatment locate and identify all heating or air conditioning vents and ducts, water and sewer plumbing lines electrical lines, and conduits, and avoid contamination.

Concrete Slab over soil (Including Monolithic, Floating and Supported Slabs)

Exterior Perimeter: Apply by trenching and rodding into the trench or by trenching along the foundation walls at the rate of 4 gallons of finished dilution per 10 linear feet per foot of depth, or if the footing is more than 4 feet below grade, treat to a minimum depth of 4 feet. Trenches need not be wider than 6 inches and must be a minimum of 6 inches deep or to the bottom of the footing. Space the rod holes no more than 12 inches apart in a manner that will create a continuous treatment zone. Trenches need not be wider than 6 inches and must be a minimum of 6 inches deep or to the bottom of the footing. Never treat a structure below the footing. Mix the finished dilution into the soil as it is replaced into the trench.

Sub-Slab Injection: Sub-slab injection treatments can be made from inside the structure or, in cases where this is not possible, from the outside of the structure by drilling through the foundation as directed below. Before treatment locate and identify all heating or air conditioning vents and ducts, water and sewer plumbing lines, electrical lines and conduits, and avoid contamination or damage to these structural elements.

Vertical Drilling/Injection: Make treatments under the slab by drilling vertically through the slab along the interior perimeter of the foundation including the garage. Drill holes along all concrete expansion joints, cracks, and plumbing and utility services penetrating the slab. Drill holes along interior partition walls when there is clear evidence of termite activity or damage. Space all drill holes no more than 12 inches apart to create a continuous treated zone. Inject the finished dilution of **Navigator SC Termiticide/Insecticide** into the drill holes at a rate of 4 gallons per 10 linear feet per foot of depth. When making an application use a lateral dispersal nozzle to achieve the best results. After treatment all holes in commonly occupied areas must be plugged with a non-cellulose material or covered with an impervious non-cellulose material.

Horizontal Drilling/Rodding/Sub-slab Injection from the Exterior of the Foundation: Use this method to treat underneath the slab only when floors or interior design do not allow for treatment by vertical drilling. Care must be taken not to rod into heating or air conditioning vents and ducts, water and sewer plumbing lines, electrical lines and conduits. Use horizontal short rodding methods to create a continuous treated zone into the soil adjacent to the inside of the foundation wall. Angle drill holes through the outside of the foundation to ensure deposition of **Navigator SC Termiticide/Insecticide** below any existing heating ducts, water and sewer lines or electrical conduits. Use horizontal long rodding practices only when the areas to be treated underneath the slab are not accessible by vertical rodding or horizontal short rodding. **DO NOT** use long rods exceeding 20 feet. For all horizontal rodding applications space drill holes no more than 12 inches apart in a manner that will create a continuous treated zone. Inject the finished dilution of **Navigator SC Termiticide/Insecticide** into the drill holes at a rate of 4 gallons per 10 linear feet per foot of depth. For best results, make applications with a lateral dispersal nozzle. All holes must be plugged with a non-cellulose material or covered by and impervious non-cellulose material.

Bath Traps: Treat exposed soil or soil covered with tar or similar sealant beneath or around plumbing and/or drain pipe entry areas with a minimum of 1 gallon but not more than 4 gallons of finished solution per square foot of soil. It may be necessary to remove tar or sealant to ensure adequate soil penetration. Install an access door or inspection portal if one is not already present. After inspection and removal of all wood or cellulose debris treat the soil by rodding or drenching with the finished dilution of **Navigator SC Termiticide/Insecticide**.

Shower Drains: To treat the soil beneath and adjacent to shower pan drains drill through the slab adjacent to the shower pan and apply the finished dilution of **Navigator SC Termiticide/Insecticide** by sub-slab injection to the soil below. Foam can be used to maximize dispersion. Drill multiple access points adjacent to the drain and use a directional dispersion tip to enhance the treatment of the soil beneath the drain. Treat with a minimum of 1 gallon but not more than 4 gallons of finished spray dilution per shower drain. Horizontal rodding can be used to access and treat soil associated with the shower drain.

Structures with French Drains and Sump Pumps: In sites where, French drains exist at the footer along the foundation perimeter the soil must be dry before applications can be made. **DO NOT** treat soil that is saturated or frozen. **DO NOT** make treatments while precipitation is occurring. To prevent seepage of finished dilution or

damage to drains or tiles, do not rod through the slab any closer than 24 inches from French drains. **DO NOT** apply **Navigator SC Termiticide/Insecticide** within 5 feet from the sump pump pit and pump. **DO NOT** drill through hollow block foundations that border French drains in order to prevent drainage or seepage from the block into the drains. Identify and locate French drains, then apply **Navigator SC Termiticide/Insecticide** in the following manner:

- Unplug the sump pump. Inspect the sump pit for water. If no water is present keep pump unplugged while making the treatment.
- If water is in the pump pit unplug the sump pump and remove four cups of water from the pit. Mark the water level. Wait 10 minutes then check the water level in the pit. If the water level has risen there is too much seepage to make a treatment. If the water level has not risen treatment can be made as long as the sump pump remains unplugged.

During application check the sump pump pit every few minutes for the presence of termiticide dilution. If dilution is detected stop the treatment immediately and remove all dilution from the pump pit before plugging the pump back in. Dispose of the dilution from the sump pump pit as directed by this label in the **STORAGE AND DISPOSAL** section.

Basement Structures

Exterior Perimeter: Apply by trenching and rodding into the trench or by trenching and treating along the foundation walls at the rate of 4 gallons of finished dilution of **Navigator SC Termiticide/Insecticide** per 10 linear feet per foot of depth or if the footing is more than 4 feet below grade treat to a minimum depth of 4 feet. Trenches need not be wider than 6 inches and must be a minimum of 6 inches deep or to the bottom of the footing. When trenching in sloping or tiered soil the trench must be stepped to ensure adequate distribution and to prevent **Navigator SC Termiticide/Insecticide** from running out of the trench. Never treat a structure below the footing. Space the rod holes no more than 12 inches apart in a manner which will create a continuous treated zone. Mix the finished dilution into the soil as it is replaced into the trench.

Interior Perimeter: To treat under the basement floor slab drill vertically through the slab along the interior perimeter of the foundation. Drill holes along all concrete expansion joints, cracks and any plumbing or utility services penetrating the slab. Drill holes along both sides of partition foundation walls and around piers. Where there is clear evidence of termite activity in a non-foundation interior partition wall drill holes through the slab adjacent to the wall along one side. Space all drill holes no more than 12 inches apart to create a continuous treated zone. Inject the finished dilution of **Navigator SC Termiticide/Insecticide** into the drill holes at the rate of 4 gallons per 10 linear feet per foot of depth. When making applications use a lateral dispersal nozzle to achieve the best results. After treatment all holes in commonly occupied areas must be plugged with a non-cellulose material or covered with an impervious non-cellulose material.

Accessible Crawl Space Construction

Before treatment turn off any air circulation equipment that moves air from the area to be treated to any untreated interior space of the structure. Do not turn the air circulation system back on until the application of Navigator SC Termiticide/Insecticide is completed and has been absorbed into the soil. Treat crawl spaces by applying a vertical **Navigator SC Termiticide/Insecticide** treatment at the rate of 4 gallons of finished dilution per 10 linear feet per foot of depth from grade to the top of the footing or if the footings are more than 4 feet below grade treat to a minimum depth of 4 feet. Apply by trenching and rodding into the trench or by trenching. Treat both sides of foundations and around all piers and pipes. In areas where physical obstructions exist that prevent trenching, such as, concrete walkways adjacent to the foundation apply by rodding alone. Where soil type and/or conditions make trenching impossible apply by rodding. When the top of the footing is exposed treat the soil adjacent to the footing to a depth not to exceed the bottom of the footing. Read and follow the mixing directions in the *Mixing Instructions* section of this label when encountering soil types which will not accept the full application volume.

- Rod holes and trenches must not extend below the bottom of the footing.
- Space the rod holes no more than 12 inches apart in a manner which will create a continuous treated zone.
- Trenches need not be wider than 6 inches and must be a minimum of 6 inches deep or to the bottom of the footing. When trenching in sloping or tiered soil the trench must be stepped to ensure adequate distribution and to prevent **Navigator SC Termiticide/Insecticide** from running out of the trench. Mix the finished dilution into the soil before replacing it into the trench.

Inaccessible Crawl Space Construction

Before treatment turn off any air circulation equipment that moves air from the area to be treated to any untreated interior space of the structure. Do not turn the air circulation system back on until the application of Navigator SC Termiticide/Insecticide is completed and has been absorbed into the soil. For any inaccessible interior areas (for example where the clearance between the floor joists and ground surfaces do not allow for operator access) excavate if possible and follow the instructions for accessible crawl spaces. When excavation is not possible apply one or a combination of the following two methods:

- Establish a horizontal treated zone by applying 1 gallon of finished dilution of **Navigator SC Termiticide/Insecticide** with a coarse application nozzle (e.g. Delavan Type RD, Raindrop RD 7 or larger or Spraying Systems Co 80110LP Tee jet or comparable nozzle) per 10 square feet of soil surface using a nozzle pressure of less than 25 psi. For any area which cannot be reached with the application wand use one or more extension rods. Do not broadcast or power spray with high pressure.
- Establish a horizontal treated zone by drilling through the foundation wall or through the floor above and treating the soil adjacent to the foundation at a rate of 1 gallon of finished solution of **Navigator SC Termiticide/Insecticide** per 10 square feet. Drill spacing must not exceed 16 inches between drill holes. Some states have smaller interval requirements so check state regulations before application. Treat the soil adjacent to foundation elements with short or long rodding methods without drilling if it is possible to reach the soil to be treated with the rodding tool.

Hollow Block Foundations/Voids

Establish a continuous treated zone in hollow block foundations or voids in masonry resting on top of the footing by drilling and treating into voids of multiple masonry elements of the structure to soil level. If not openly accessible drill and treat into voids of masonry elements. Apply 2 gallons of finished dilution per 10 linear feet of footing at a nozzle pressure of 25 psi or less. When making this treatment drill access holes as close as possible to the footing and below the level of the sill plate if practical. Applicators must examine the treated areas for possible runoff as a precaution against application leakage. Mechanical alteration to some areas may be required before a treatment can be made. Other areas may not be treatable.

All leaks resulting during the application of **Navigator SC Termiticide/Insecticide** in locations other than those prescribed on this label must be cleaned up before leaving the application site. **DO NOT** allow people or pets to come in contact with contaminated areas until the cleanup is completed.

Treatment of Structures with Wells or Cisterns

DO NOT contaminate wells or cisterns.

DO NOT apply **Navigator SC Termiticide/Insecticide** within 5 feet of any well or cistern.

Soil between 5 and 10 feet from a well or cistern must only be treated by the backfill method described here. Treatment of soil adjacent to water pipes within 3 feet of grade must only be done by the backfill method.

Backfill Method

- Trench to remove the soil to be treated and place it into a wheelbarrow or onto heavy plastic sheeting or similar material.
- Treat the soil at a rate of 4 gallons of finished dilution of **Navigator SC Termiticide/Insecticide** per 10 linear feet per foot of trench depth or at a rate of 1 gallon per cubic foot of soil. Mix the **Navigator SC Termiticide/Insecticide** thoroughly into soil while taking care to prevent runoff or spillage.
- After the treated soil has completely absorbed the finished dilution of **Navigator SC Termiticide/Insecticide** return the soil into the trench.

Structures Adjacent to Wells/Cisterns and/or Other Bodies of Water

Prior to application examine any structure with nearby sources of water such as wells, cisterns, ponds, streams or other bodies of water, then follow the treatment procedures described below:

- If the pipe(s) from the well enter the structure with 3 feet of grade expose them if possible prior to treatment. If feasible prior to treatment, expose the water pipe(s) coming from the well to the structure. Treat the soil adjacent to the water pipe(s) using the backfill method described above.
- Take precautions prior to treatment to limit the risk of **Navigator SC Termiticide/Insecticide** being applied to subsurface drains which empty into any bodies of water including evaluating whether treatment of the footer could result in contamination of subsurface drains. Take into consideration such factors as depth to the drain system, soil type and degree of compaction when determining the depth of treatment.

- Use the treated backfill method when appropriate (for example on the water side of the structure) to minimize off site movement of **Navigators SC Termiticide/Insecticide**.
- To minimize potential runoff of **Navigators SC Termiticide/Insecticide** into non-target areas apply a finished dilution of 0.125% at a rate of 2 gallons per 10 linear feet per foot of depth.

Plenum Construction

Before treatment turn off any air circulation equipment that moves air from the area to be treated to any untreated interior space of the structure. **DO NOT** turn the air circulation system back on until the application of **Navigators SC Termiticide/Insecticide** is completed and has been absorbed into the soil. Treat the soil exterior to the foundation walls according to the instructions in the *Accessible Crawl Space Construction* section of this label.

Follow the instructions below for interior treatment of plenum structures that use a sealed space to circulate heated or cooled air throughout the structure.

- Remove sealing fabric and anything on the sealing fabric to expose no more than 18 inches width adjacent to all foundation structures, including foundation walls, interior piers, pipes and any other structures in contact with soil. Treat according to the instructions for exterior and interior treatment in the *Accessible Crawl Space Construction* section of this label.
- After the finished dilution of **Navigators SC Termiticide/Insecticide** has been absorbed into the soil return the sealing fabric and anything removed from the surface of the sealing fabric to their original pre-treatment positions.

Foam Application

When construction practices, soil subsidence or other factors make it difficult to establish a continuous treated zone with conventional liquid application methods; supplement treatment with the use of foam generating equipment. Foam applications are useful in the treatment of filled stoops and porches, chimney bases, into block voids behind masonry or other veneers and into stud walls. Utilize applications of dry foam only (a range of 15:1 to 50:1 expansion ratio) when treating wall voids in stud walls. Apply foam to wall voids where evidence of termite presence or damage exist or are suspected. Foam only treatments under slabs are appropriate when maximum horizontal coverage is desired in areas with no deep foundation or footing (for example around plumbing entries and near settlement cracks in concrete slabs). Use both conventional liquid application and foam treatment in areas where both lateral spread and deeper vertical penetration of **Navigators SC Termiticide/Insecticide** are desired. Effective treatment is highly dependent on volume and amount of active ingredient. Apply at least 75% of the finished dilution of **Navigators SC Termiticide/Insecticide** as a liquid treatment then deliver the remaining 25% or less to the appropriate areas as a foam application. The total amount of product applied as a combined foam and liquid treatment should be equivalent to volume of **Navigators SC Termiticide/Insecticide** liquid finished dilution required for a liquid application alone. Foam applications provide a good supplement to liquid applications in difficult to treat areas

Foam Mixing Instructions

Prepare the desired finished dilution of **Navigators SC Termiticide/Insecticide** then mix with the manufacturer's recommended quantity of foaming agent in suitable foaming equipment. Apply a sufficient volume of **Navigators SC Termiticide/Insecticide** foam to establish a continuous treated zone at the rates recommended in this label for specific applications. When sufficient foam volume cannot be applied to achieve the recommended rate of **Navigators SC Termiticide/Insecticide** supplement the treatment with additional liquid finished dilution to assure appropriate treatment volume and concentration in the treated area.

Foam Application Rate Chart

- 1 gallon of finished dilution at a foam expansion ratio of 25:1 makes 25 gallons of foam.
- 1.66 gallons of finished dilution at a foam expansion ratio of 15:1 makes 25 gallons of foam.
- 2.5 gallons of finished dilution at a foam expansion ratio of 10:1 makes 25 gallons of foam.
- 5 gallons of finished dilution at a foam expansion ratio of 5:1 makes 25 gallons of foam.

POST-CONSTRUCTION EXTERIOR PERIMETER/LOCALIZED INTERIOR (EP/LI) STRUCTURAL TERMITE TREATMENT Not Approved for Use in Louisiana

Post-Construction Exterior Application Information

Post construction application of **Navigators SC Termiticide/Insecticide** can be made after the final grade is installed

to protect the structure from termite infestation and/or to control existing termite populations. This treatment method is designed to be non-invasive to the interior of the structure with the establishment of a continuous treated zone along the exterior of the foundation and only treating interior spaces where termite activity has been found. If you have questions regarding this treatment consult the appropriate state agency.

Termite activity is defined as the presence of one or more of the following signs of infestation:

- 1) Alates (winged termites) have swarmed inside the structure.
- 2) Live termites are found to be active within the structure.
- 3) There is clear evidence of termite activity on or inside the structure such as the presence of mud tubes galleries in wood and live termites.

DO NOT apply **Navigator SC Termiticide/Insecticide** finished dilution as perimeter/localized interior treatment at a concentration lower than 0.06% or at an application volume lower than those specified in the Application Rates for Termiticide Use section of this label.

Exterior Perimeter Treatment

To prevent termite infestation of a structure using this treatment method, exterior perimeter applications of **Navigator SC Termiticide/Insecticide** must be made in a manner which will create a continuous treated zone. If situations are encountered where the soil will not accept the full application volume recommended in the use directions below, read and follow the directions in the *APPLICATION VOLUME FOR TERMITICIDE USE* section of this label.

Concrete Slab on Ground (Including Monolithic Floating and Supported Concrete Slabs)

Apply along the exterior foundation perimeter by trenching and rodding into the trench or by trenching along the foundation walls at the rate of 4 gallons of finished dilution per 10 linear feet per foot of depth. Trenches need not be wider than 6 inches and must be a minimum of 6 inches deep or to the bottom of the footing. Space the rod holes no more than 12 inches apart in a manner which will create a continuous treated zone. Mix the finished dilution into the soil as it is replaced it into the trench. In areas where physical obstructions exist that prevent trenching such as concrete walkways adjacent to the foundation apply by rodding alone. Where soil type and/or conditions make trenching impossible apply by rodding. In order to establish a continuous exterior perimeter treatment zone, drilling and sub-slab treatment will be necessary wherever adjoining concrete structures exist, such as, patios porches or sidewalks. For driveways, exterior drilling is necessary only around building supports or wall elements permanently located at driveway joints. Never treat a structure below the footing.

Basement and Inaccessible Crawl Space Construction

Apply along the exterior foundation perimeter by trenching and rodding into the trench or by trenching along the foundation walls at the rate of 4 gallons of finished dilution of **Navigator SC Termiticide/Insecticide** per 10 linear feet per foot of depth or if the footing is more than 4 feet below grade, treat to a minimum depth of 4 feet. Trenches need not be wider than 6 inches and must be a minimum of 6 inches deep or to the bottom of the footing. When trenching in sloping or tiered soil, the trench must be stepped to ensure adequate distribution and to prevent **Navigator SC Termiticide/Insecticide** from running out of the trench. Space the rod holes no more than 12 inches apart in a manner which will create a continuous treated zone. Mix the finished dilution into the soil before replacing the soil into the trench. Never treat a structure below the footing. In areas where physical obstructions exist that prevent trenching, such as concrete walkways adjacent to the foundation, apply by rodding alone. Where soil type and/or conditions make trenching impossible, apply by rodding. In order to establish a complete exterior perimeter treatment zone, drilling and sub-slab treatment will be necessary wherever adjoining concrete structures exist, such as patios, porches or sidewalks. For driveways exterior drilling is necessary only around building supports or wall elements permanently located at driveway joints. Never treat a structure below the footing. If termite activity is detected inside an inaccessible crawl space the area must be treated. Make a localized interior treatment at the site of termite activity and extending at least 2 feet in both directions from the activity. Choose the appropriate application method for treating inaccessible crawl space construction by referring to the *POST CONSTRUCTION CONVENTIONAL STRUCTURAL TERMITE TREATMENT* section of this label.

Accessible Crawl Spaces

Before treatment turn off any air circulation equipment that moves air from the area to be treated to any untreated interior space of the structure. DO NOT turn the air circulation system back on until the application of Navigator SC Termiticide/Insecticide is completed and has been absorbed into the soil. Treat crawl spaces by applying a vertical **Navigator SC Termiticide/Insecticide** treatment at the rate of 4 gallons of finished dilution per 10 linear feet per foot of depth from grade to the top of the footing or if the footing is more than 4 feet below grade, treat to a minimum depth of 4 feet. Apply by trenching and rodding into the trench or by trenching. Treat outside of the foundation and around all piers and pipes in area where physical obstructions exist that prevent trenching, such as concrete walkways adjacent to the foundation, apply by rodding alone. Where soil type and/or conditions make trenching impossible apply by rodding. When the top of the footing is exposed treat the soil adjacent to the footing to

a depth not to exceed the bottom of the footing. In order to establish a complete exterior perimeter treatment zone drilling and sub-slab treatment will be necessary wherever adjoining concrete structures exist, such as patios, porches or sidewalks. If situations are encountered where the soil will not accept the full application volume recommended in the use directions below, read and follow the directions in the *Application Rates for Termiticide Use* section of this label.

- Rod holes and trenches must not extend beneath the bottom of the footing.
- Space the rod holes no more than 12 inches apart in a manner which will create a continuous treated zone.
- Trenches need not be wider than 6 inches and must be a minimum of 6 inches deep or to the bottom of the footing. When trenching in sloping or tiered soil the trench must be stepped to ensure adequate distribution and to prevent **Navigator SC Termiticide/Insecticide** from running out of the trench. Mix the finished dilution into the soil as it is replaced into the trench.

To prevent standalone (i.e., not associated with foundation elements) termite shelter tube formation between soil and structural members in previously untreated area(s), an overall soil treatment of **Navigator SC Termiticide/Insecticide** may be applied. Remove all cellulose debris before treatment. Apply **Navigator SC Termiticide/Insecticide** finished dilution per 10 square feet to provide uniform treated zones. Apply using a coarse application nozzle with nozzle pressure of 25 PSI or less.

Garages - Attached garage floors should be treated.

Sub-slab Injection: Sub-slab injection treatments can be made from inside the garage or in cases where this is not possible from the outside of the structure by drilling through the foundation as directed below. Before treatment locate and identify all heating or air conditioning vents and ducts, water and sewer plumbing lines, electrical lines and conduits. Avoid contamination or damage to these structural elements.

Vertical Drilling/Injection: Make treatments under the slab by drilling vertically through the slab along the interior perimeter of the garage foundation. Drill holes along all concrete expansion joint cracks, plumbing and utility services penetrating the slab. Drill holes along interior partition walls when there is clear evidence of termite activity or damage. Space all drill holes no more than 12 inches apart in a manner which will create a continuous treated zone. Inject the finished dilution of **Navigator SC Termiticide/Insecticide** into the drill holes at a rate of 4 gallons per 10 linear feet per foot of depth. When making applications use a lateral dispersal nozzle to achieve the best results. After treatment, all holes in occupied areas must be plugged with a non-cellulose material or covered with an impervious non-cellulose material such as Portland cement.

Horizontal Drilling/Rodding/Sub-slab Injection from the Exterior of the Garage Foundation: Use this method to treat underneath the slab only when interior design does not allow for treatment by vertical drilling. Care must be taken not to rod into heating or air conditioning vents and ducts, water and sewer plumbing lines, electrical lines and conduits. Use a horizontal short rodding method to create a continuous treated zone along the inside perimeter of the foundation. Angle drill holes through the outside of the foundation to ensure deposition of **Navigator SC Termiticide/Insecticide** below any existing heating ducts, water and sewer lines or electrical conduits. Use a horizontal long rodding method only when the areas to be treated underneath the slab are not accessible by vertical rodding or horizontal short rodding. **DO NOT** use long rods exceeding 20 feet. For all horizontal rodding applications space drill holes no more than 12 inches apart in a manner which will create a continuous treated zone. Inject the finished dilution of **Navigator SC Termiticide/Insecticide** into the drill holes at rate of 4 gallons per 10 linear feet per foot of depth. All holes in occupied areas must be plugged with a non-cellulose material or covered by an impervious non-cellulose material such as Portland cement.

Localized Interior Treatment

As part of a complete EP/LI treatment, targeted interior applications may be made to vulnerable areas such as around plumbing or utility services penetrating floors bath and/or shower traps or along concrete expansion joints or settlement cracks

If known termite activity exists in areas inside living spaces or in non-living spaces (such as crawl spaces, plenums, etc.) of the structure, a localized interior treatment must be made at the immediate vicinity of the termite activity and radiating out at least 2 feet from the site in two or more directions.

Hollow Block Foundations / Voids: When termite activity is evident in the vicinity (within 2 feet) of hollow block foundation or voids in masonry resting on the footing, drill the wall adjacent to the evidence if not openly accessible and inject the finished dilution of **Navigator SC Termiticide/Insecticide** into the void at a rate of 2 gallons per 10 linear feet of footing using a nozzle of 25 psi or less. This localized interior treatment to hollow block must be made

to the site of the termite activity and to areas above the termite activity. Treatment must be applied radiating out at least 2 feet in two or more directions from the site of activity or along the wall or around the pier or support post. Use of foam will maximize dispersion. When using this treatment drill access hole below the sill plate as close as possible to the footing as is practical. Applicators must examine the treated areas of voids in block or rubble foundation walls closely for possible runoff as a precaution against application leakage. Mechanical alteration to some areas may be required before a treatment can be made. Some areas may not be treatable. All leaks resulting during the application of **Navigator SC Termiticide/Insecticide** in locations other than those prescribed on this label must be cleaned up before leaving the application site. **DO NOT** allow people or pets to come in contact with contaminated areas or allow them to reoccupy the treatment site until the cleanup is completed.

The drilled holes in occupied areas must be plugged with a non-cellulose material or covered by an impervious non-cellulose material such as Portland cement.

Bath Traps: If termite activity is evident within 2 feet of a bath trap, exposed soil or soil covered with tar or a similar sealant around plumbing and/or drain pipe entry areas must be treated. Tar or sealant may have to be removed to ensure adequate soil penetration. Install an access door or inspection portal if one is not already present. After all wood and cellulose debris is removed treat the soil by rodding or drenching with a minimum of 1 gallon to a maximum of 4 gallons of finished dilution of **Navigator SC Termiticide/Insecticide** per square foot.

Shower Drains: If termite activity is evident within 2 feet of a shower drain, soil beneath and adjacent to the drain must be treated. Drill through the slab adjacent to the shower drain and apply the finished dilution of **Navigator SC Termiticide/Insecticide** by sub-slab injection to the soil below. Multiple access points may be drilled adjacent to the drain. Use of foam will maximize dispersion. Use of a directional dispersion tip will further enhance the treatment of the soil beneath the drain. Treat the soil with a minimum of 1 gallon but no more than 4 gallons of finished dilution per shower drain. Horizontal rodding can also be used to access and treat soil associated with the shower drain.

RETREATMENT INSTRUCTIONS

Annual retreatment of a structure is prohibited. Retreatment for subterranean termites can only be performed under the following circumstances:

- There is clear evidence of reinfestation.
- There is disruption of the treated zone due to construction excavation or landscaping and/or there is evidence of the breakdown of the termiticide treated zone in the soil.

Treat these vulnerable or reinfested areas using a spot, partial or complete treatment in accordance with the application techniques described in this label. The timing and selection of retreatment type will vary depending on such factors as termite pressure, soil types and conditions and other factors which may reduce the effectiveness of the treated zone.

USE WITH OTHER TERMITICIDE PRODUCTS

Use with Borate-based Termiticide Products: When a borate-based termiticide product is used as the primary pre-construction termite treatment and is applied according to that termiticide's label directions for use, a **Navigator SC Termiticide/Insecticide** finished dilution may be applied as an exterior perimeter pre-construction termite treatment. If the exterior perimeter pre-construction termite treatment option is selected, **Navigator SC Termiticide/Insecticide** finished dilution must be applied to create a continuous treated zone along the exterior foundation of the structure. A complete and thorough horizontal pre-construction termite treatment with **Navigator SC Termiticide/Insecticide** finished dilution under the concrete slab is optional. **Navigator SC Termiticide/Insecticide** finished dilution may also be applied to critical areas of the interior of the structure (e.g., plumbing and utility entry sites, bath traps, shower pan drain penetrations, expansion joints, foundation cracks, outside foundations walls, areas of known or suspected termite activity).

For applications to the exterior perimeter and critical areas, follow instructions in the **Post-construction Exterior Perimeter/Localized Interior (EP/LI) Structural Termite Treatments** section of this label.

Use with Non-borate-based Termiticide Products: **Navigator SC Termiticide/Insecticide** finished dilution may be applied as a spot/partial supplemental termite treatment when another registered non-borate-based termite prevention and/or control product/system is used as the primary treatment. These supplemental **Navigator SC Termiticide/Insecticide** treatments can be made to critical areas of the structure (e.g., plumbing and utility entry sites, bath traps, shower pan drain penetrations, expansion joints, foundation cracks, outside foundation walls, areas of known or suspected termite activity at either pre-construction or post-construction sites) according to **Use Directions for Prevention and/or Control of Termites and Other Wood-infesting Pests** on this label.

Retreatment Instructions: Annual retreatment of a structure is prohibited. Retreatment for subterranean termites can

only be performed under the following circumstances:

1. There is clear evidence of re-infestation.
2. There is disruption of the treated zone due to construction, excavation, or landscaping and / or there is evidence of the breakdown of termiticide treated zone in the soil.

Treat these vulnerable or re-infested areas using a spot, partial or complete treatment in accordance with the application techniques described in this label. The timing and selection of retreatment type will vary depending on such factors as termite pressure, soil types and conditions, and other factors which may reduce the effectiveness of the treated zone.

POSTS, POLES, WOODEN LANDSCAPE ORNAMENTATION

DO NOT contaminate wells or cisterns.

Preventative Treatment: Create a continuous treatment zone in the soil around wooden posts, poles, fence posts, signs, and landscaping ornamentation. Apply the finished dilution of **Navigator SC Termiticide/Insecticide** at the rate of 4 gallons per 10 linear feet per foot of depth. When performing the treatment at the time of installation, the finished dilution may be applied to the soil as it is replaced around the pole or post. The application should place termiticide to a depth of 6 Inches below the bottom of posts, poles or other wooden objects in contact with soil.

Curative Treatment: Treat previously installed wooden posts, poles, fence posts, signs, and landscaping ornamentation with the finished dilution of **Navigator SC Termiticide/Insecticide** by sub-surface injection, or by gravity flow through holes made at the bottom of a trench around posts and poles. When trenching, the trench need not be wider than 6 inches and should be 6 inches deep. When sub-surface injecting, treat all sides to create a continuous treatment zone. Apply termiticide to a depth of 6 inches below the bottom of the wood.

PREVENTION AND/OR CONTROL OF WOOD-INFESTING PESTS

Above Ground Termites and Carpenter Ants in Localized Areas

Carpenter ant use in above ground localized areas not registered in California.

For prevention and/or control of above ground termites and carpenter ants in localized areas, apply 0.06% **Navigator SC Termiticide/Insecticide** finished dilution (or foam) to:

- Voids and galleries in damaged wood, in spaces between wooded structural members, and between the sill plate and foundation where wood is vulnerable. Applications may also be made to inaccessible areas by drilling and injecting into the structural voids or damaged wood.
- Termite carton nests in structural voids. Application at multiple injection points to varying depths may be necessary. Carton nest material may be removed from structural voids.
- Man-made voids using a coarse fan application (or foam) to control exposed worker winged reproductive forms or termites or carpenter ants.

Termites or Carpenter Ants in Trees or Nonstructural Wood or Wood-to-soil Contacts **Carpenter ant use in trees or nonstructural wood or wood-to-ground contacts not registered in California.**

DO NOT TREAT FRUIT OR NUT BEARING TREES

For prevention and/or control of existing or future infestations of termites or carpenter ants in decking and fencing materials, landscape timbers and similar nonstructural wood-to-soil contacts, trees, and utility poles, apply 0.06% **Navigator SC Termiticide/Insecticide** dilution (or foam) by the following methods.

- If possible, locate and treat the interior infested cavity by injection.
- Nonstructural wood-to-soil contacts may be treated as a spot application or continuous treated zone. Apply **Navigator SC Termiticide/Insecticide** to the soil as a drench or by rodding around the base of the points of soil contact. Rod holes must be placed 3-inches away from soil contact points and spaced no more than 12-inches apart along the perimeter of soil contact points.
- For small poles or posts (i.e., less than 6 inches in diameter), apply 1 gallon of **Navigator SC Termiticide/Insecticide** finished dilution per foot depth. For larger poles or posts, apply 4 gallons of **Navigator SC Termiticide/Insecticide** finished dilution per 10 linear feet per foot depth.

Termite Carton Nests in Trees

DO NOT TREAT FRUIT OR NUT BEARING TREES

For control of termite carton nests in trees, inject **Navigator SC Termiticide/Insecticide** finished dilution (or foam). Application to multiple injection points to varying depths may be necessary. Carton nest material may be removed from tree(s).

In all states **except California**, an application of the **Navigator SC Termiticide/Insecticide** finished dilution may be applied to soil as a drench or by rodding around the root flare of the tree to prevent reinfestation by termites from the soil. For small trees (i.e., less than or equal to 6 inches in diameter), apply 1 gallon of **Navigator SC Termiticide/Insecticide** finished dilution. For larger trees, apply 4 gallons of **Navigator SC Termiticide/Insecticide** finished dilution per 10 linear feet measured as the circumference at the root flare.

Drywood Termites and Wood-infesting Beetles or Borers **Drywood termite and wood-infesting beetle or borer uses not registered in California.**

NOTE: Before treatment, turn off any air circulation system that moves air from area(s) to be treated to an untreated interior space of the structure until application has been completed and sprays have dried.

Treat galleries in structural and/or nonstructural elements and structural voids with **Navigator SC Termiticide/Insecticide** finished dilution using a foam, low-pressure spray (25 PSI or less at the nozzle), or mist.

- Locate galleries using visual signs (e.g., blistered wood, emergence or clean out holes, grass, or pellets), the presence of live insects, mechanical sounding techniques, or listening devices (e.g., acoustic emission detectors, stethoscopes).
- Drill holes to penetrate the gallery system for treatment; distribute drill holes to adequately cover the gallery system.
- **DO NOT** apply where electrical shock hazards exist.
- Drill holes must be sealed after treatment.

Carpenter Bees in Localized Areas **Carpenter bee use in localized areas not registered in California.**

Listed structures are residential, institutional, commercial and industrial buildings and utility enclosure

DIRECTIONS FOR USE TO CONTROL LISTED PESTS ON OUTSIDE SURFACES AND ALONG FOUNDATION PERIMETER OF LISTED STRUCTURES

Listed structures are residential, institutional, commercial and industrial buildings and utility enclosures.

USE RESTRICTIONS

- Only applicators wearing the personal protective equipment required by this product label may be in the area during application.
- **DO NOT** treat within a distance of 1 foot out from the drip line of edible plants.
- **DO NOT** contaminate public or private water supplies.
- **DO NOT** contaminate water, food, or feed. Cover or remove all exposed food, feed, and drinking water.
- **DO NOT** use in spray tanks with borate contaminants.
- Doors and windows adjacent to application site must be closed during surface application.
- **DO NOT** apply to wasp or hornet nests if they are not attached to the structure exterior or inside wall voids.
- **DO NOT** make treatments during times of precipitation.
- **DO NOT** allow resident's children, other people or pets into the treatment area until sprays have dried. After treatment the applicator is required to check for leaks resulting in the deposition of treatment dilution in locations other than those prescribed in this label. When found, this material must be cleaned prior to leaving the application site. Do not allow people or pets to contact contaminated areas or to reoccupy contaminated areas of the structure until cleanup is completed.
- **DO NOT** spray air conditioning units or intake vents.
- **DO NOT** use indoors except for application into wall voids.
- **DO NOT** apply to playground equipment or pet quarters.
- **DO NOT** apply to the point of runoff or drip from treated surfaces.

- **DO NOT** apply to boat houses including their piers or pilings.
 - **DO NOT** apply within 5 feet of wells or cisterns.
 - Doors and windows adjacent to application site must be closed during surface application.
 - **DO NOT** apply within 15 feet of bodies of fresh water lakes, reservoirs, rivers, permanent streams, marshes, natural ponds, and commercial fish ponds. A 15 foot buffer of uniform ground cover must exist between application zone and bodies of fresh water (Uniform ground cover is defined as land which supports vegetation of greater than 2 inches in height throughout).
- DO NOT** apply within 60 feet of estuarine bodies of water. Estuarine water bodies are brackish tidal water bodies, such as, bays, mouths of rivers, salt marshes, and lagoons.

ADDITIONAL CALIFORNIA USE RESTRICTIONS: In addition to use restrictions stated above, applications made in California are subject to the following additional restrictions.

- **DO NOT** apply **Navigator SC Termiticide/Insecticide** to the garage door, driveway, vertical surfaces above the driveway and garage door, or to cracks and crevices leading or adjacent to the driveway such as the expansion joint between the garage and driveway.
- **DO NOT** apply bandwidth at greater than 6 inches out and 6 inches up from where the ground meets the foundation.
- **ONLY** use 0.03% dilution mixing rate.
- **DO NOT** re-apply at intervals less than 60 days.
- **DO NOT** apply more than 4 times per year
- **DO NOT** make applications on any date between November 1 and February 28.

Use Navigator SC Termiticide/Insecticide to kill and to provide residual control of the following pests:
Ants (acrobat, Argentine, big headed, carpenter, crazy, odorous house, pavement, pharaoh and thief)

Use Navigator SC Termiticide/Insecticide to kill the following pests

Asian lady beetles
Darkling beetles
Australian, Oriental and smoky brown cockroaches
Black widow, brown recluse, cellar and hobo spiders
Box elder bugs
Brown dog ticks
Centipedes
Cluster flies
European earwigs
House Crickets
Millipedes
Paper wasps*
Pill bugs
Silverfish
Yellow Jackets*

***NOTE: Navigator SC Termiticide/Insecticide** is not a knockdown agent

Mixing Instructions*: For perimeter pest treatments fill the treatment tank 1/4 to 1/3 with water then add 0.8 fluid ounces (or 0.4 fluid ounces) of Navigator SC Termiticide/Insecticide to achieve 0.06% (or 0.03%) finished dilution rate. The filling hose must be equipped with an anti-backflow device or the water flow must include an air gap to protect against back siphoning. Add more water to the tank while agitating to make 1 gallon of finished dilution.

Permitted Navigator SC Frequency and Dilution Rate Application Scenarios†		
%Navigator SC Termiticide/Insecticide finished dilution		
0.03% 4 times/calendar year	0.06% 2 times/calendar year	0.03% 2 times/calendar year and 0.06% 1 time/calendar year

†In California, **ONLY** the 0.03% dilution may be applied at 1 quart per 160 ft.

***CALIFORNIA MIXING INSTRUCTIONS:** For perimeter pest treatments, mix a 0.03% spray dilution of **Navigator SC Termiticide/Insecticide** by filling the treatment tank 1/4 to 1/3 full with water, then add 0.4 fluid ounces of **Navigator**

SC Termiticide/Insecticide. The filling hose must be equipped with an anti-back-flow device or the water flow must include an air gap to protect against back siphoning. Add more water to the tank while agitating to 1 gallon of finished dilution.

Application Instructions to Outside Surfaces of Listed Structures and into Wall Voids: For perimeter pest treatments mix and apply a finished spray dilution of **Navigator SC Termiticide/ Insecticide**. See the Mixing Instruction section of this label for instructions. Make applications using a low pressure spray to the exterior of the structure where listed pests enter and trail around the structure or where they crawl and hide. Treat using a low pressure coarse banded surface spray up to 18 inches in width around doors, windows, vent pipes, foundation cracks, and drilled holes or around any exterior openings where listed pests could enter the structure. Make sure to treat the joints where exterior siding (wood, vinyl, aluminum or other similar materials) meets the cement brick or block of the foundation. Treat areas where electrical cable or telephone wires enter the house. This treatment should be made as a general surface spray, crack and crevice spray or a wall void application. **Navigator SC Termiticide/Insecticide** may be applied as a foam treatment into wall voids to kill and/or control the above listed pests. Refer to the *FOAM APPLICATION* section of this label for specific foam mixing and application instructions.

In California: Use only the 0.03% finished dilution no more than 4 times per year. **DO NOT** apply to the garage door, driveway, vertical surfaces above the driveway and garage door, or to cracks and crevices leading or adjacent to the driveway, such as, the expansion joint between the garage and driveway. **DO NOT** apply a bandwidth greater than 6 inches up and out from where the ground meets the foundation.

Applications to Perimeter of Listed Structures*: Apply a finished spray dilution of **Navigator SC Termiticide/Insecticide** as a low-pressure coarse general spray along the foundation exterior perimeter to an area one foot up and one foot out from where the ground meets the foundation. Apply 2 quarts of 0.06% finished spray dilution of **Navigator SC Termiticide/Insecticide** per 160 linear feet (approximately 1.5 gallons of finished spray per 1000 sq. feet). Nests that are found on the ground within 1 foot of the foundation may be treated. Vegetation touching the structure may offer a route for the entry of ants into the structure without coming into contact with the treatment, therefore remove or prune away any shrubbery, bushes and tree branches touching the structure.

***CALIFORNIA APPLICATIONS TO PERIMETER OF LISTED STRUCTURES:**

Apply 0.03% **Navigator SC Termiticide/Insecticide** finished dilution as a low pressure (25 PSI or less at the nozzle) coarse general surface spray along the foundation exterior perimeter to an area 6 inches up and 6 inches out from where the ground meets the foundation. **DO NOT** apply **Navigator SC Termiticide/Insecticide** to the garage door, driveway, vertical surfaces above the driveway and garage door, or to cracks and crevices leading or adjacent to the driveway, such as, the expansion joint between the garage and driveway.

In California, apply 1 quart of **Navigator SC Termiticide/Insecticide** finished dilution per 160 linear feet (approximately 1.5 gallons finished spray per 1000 square feet). Vegetation touching the structure may offer a route for the entry of ants into the structure without coming into contact with the treatment, therefore, remove or prune away any shrubbery, bushes and tree branches touching the structures.

STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE

Unused product should be stored in its original container only, out of the reach of children and animals.

PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

SPILLS: For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Soak up spilled material with sand, earth or other suitable material and dispose of as pesticide waste. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes. Refer to Precautionary Statements on label for hazards associated with the handling of this material. **DO NOT** walk through spilled material. In spill or leak incidents, keep unauthorized people away. **You may contact the CHEMTREC Emergency Response for decontamination procedures.**

For Chemical Spill, Leak, Fire, Exposure, or Accident you may call CHEMTREC at 1-800-424-9300 twenty-four (24) hours per day, seven (7) days per week.

CONTAINER HANDLING

Nonrefillable Container. DO NOT reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying; then offer for recycling, if available, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

- **Triple rinse containers small enough to shake (capacity \leq 5 gallons) as follows:** Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container $\frac{1}{4}$ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank, or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.
- **Pressure rinse as follows:** Empty the remaining contents into application equipment or mix tank. Hold container upside down over application equipment or mix tank, or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Conditions of Sale and Warranty

Inherent Risks of Use

It is impossible to eliminate all risks associated with use of this product. Lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Gharda Generics, Inc. or the seller. To the extent permitted by applicable law, all such risks shall be assumed by buyer.

Notice of Warranty and Disclaimer

Seller warrants that at the time of delivery the product in this container conforms to its chemical description contained hereon and is reasonably fit for its intended purpose under normal conditions of use. This is the only warranty made on this product. To the extent permitted by applicable law, Seller expressly disclaims any implied warranties of merchantability or fitness for any particular purpose and, except as set forth above, any other express or implied warranties. Any damages arising from breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid for this product by Buyer, and shall not include incidental or consequential damages such as, but not limited to, loss of profits or values. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other un-intended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of the Seller. To the extent permitted by applicable law Seller be liable for the consequential, special or indirect damages resulting from the use or handling of this product. The Buyer shall assume all such risks. Buyer acknowledges the use of its own independent skill and expertise in the selection and use of the product and does not rely on any oral or written statements or representations.

NAVIGATOR is a Registered Trademark of Gharda Chemicals Limited.

Teejet is a registered trademark of Spraying Systems Co.

Raindrop is a registered trademark of Delavan Corporation

EPA Accepted: August 26, 2014

Amended (First Aid): 02/24/2017

Notification (Add Shake DFU Stmt): 03/18/2017

Amended (Add CA DFU): June 08, 2017

Notification (Rate Error): June 28, 2017

Revised: September 01, 2017 (Reg. No. Transfer)

Amended:(Label Corrections) February 25, 2020

Gharda Chemicals International Inc.

760 Newtown-Yardley Rd.

Suite 110

Newtown, PA 18940

1-215-968-9474

List of Marketing Statements:

- *“Effective Against: ants (acrobat, Argentine, big headed, carpenter, crazy, odorous house, pavement, pharaoh, thief), beetles (Asian lady and darkling), bugs (box-elder and pill), centipedes, cluster flies, European earwigs, house crickets, millipedes, silverfish, spiders (black widow, brown recluse, cellar, hobo), termites”*
- *Controls Listed Pests: ants (acrobat, Argentine, big headed, carpenter, crazy, odorous house, pavement, pharaoh, thief), beetles (Asian lady and darkling), bugs (box-elder and pill), centipedes, cluster flies, European earwigs, house crickets, millipedes, silverfish), spiders (black widow, brown recluse, cellar, hobo), termites”*
- *“Non-repellent insecticide”*
- *“Registered for selective applications in New York and California”*
- *“Termite Control Without the Premium Price”*
- *“Kills Termites”*
- *“A generic post-patent Fipronil product”*
- *“Industry-Leading Termite Control Solutions from [State Distributor Name]”*



NAVIGATOR® SC | Active Ingredient: Fipronil 9.1%

Termiticide/Insecticide

Kills Termites and Ants

NAVIGATOR® SC comes armed with fipronil—a non-repellant, state-of-the-art active ingredient that is passed by insects back to their nest for accelerated colony destabilization. As both a termiticide and insecticide, it provides effective pre- and post-construction termite control for professionals, killing a variety of subterranean termites—with additional control of other perimeter pests and invaders like ants.

FEATURING

- ✓ Fipronil active ingredient
- ✓ Trusted formulation
- ✓ Broad-spectrum activity
- ✓ Controls many ant species, termites, cockroaches, silverfish, and others
- ✓ Easy mixing & application
- ✓ Secondary kill (gets the queen)

SCAN
TO
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MORE



Application Sites

- Pre- and post-construction (including exterior perimeter/localized interior treatment) applications for subterranean termite control
- Above-ground applications for drywood termite control
- To control labeled pests on outside surfaces and along foundation perimeters

Effective Against (see back for details): Termites, odorous house ants, crazy ants, Argentine ants, black widow spiders, brown recluse spiders, and other labeled pests.



Odorous House Ant

Termite

ITEM NO.	UNIT SIZE	CASE SIZE
13751	2.5 gal	2 x 2.5 gal
13752	78 oz bottle	4 x 78 oz bottle
13753	20 oz bottle	8 x 20 oz bottle

EPA Reg. No. 93182-23



Contact your authorized AMGUARD Environmental Technologies distributor or visit www.amguardtech.com/product/navigator-sc

AMGUARD[™]
ENVIRONMENTAL TECHNOLOGIES



NAVIGATOR[®] SC | Active Ingredient: Fipronil 9.1%

Termiticide/Insecticide

The Application Rates Listed in the Following Table will provide excellent control of the respective pests under typical conditions.
See full label for individual application rates by pest.



USE	PEST			APPLICATION RATE
Pre-construction Termite Treatment	Subterranean Termites			0.06%, 0.09%, or 0.125% finished dilution
Post-construction Structural Termite Treatment	Subterranean Termites			0.06%, 0.09%, or 0.125% finished dilution
Post-construction Exterior Perimeter/Localized Interior (EP/LI) Structural Termite Treatment	Subterranean Termites (not in LA)			0.06%, 0.09%, or 0.125% finished dilution
Posts, Poles, Wooden Landscape Ornamentation	Termites			0.06%, 0.09%, or 0.125% finished dilution
Prevention and/or Control in Localized Areas	Above-Ground Termites & Carpenter Ants (not in CA)			0.06% finished dilution (or foam)
Prevention and/or Control of Existing or Future Infestations	Above-Ground Termites & Carpenter Ants (not in CA)			0.06% finished dilution (or foam)
Control of Termite Carton Nests in Trees	Termites			0.06% finished dilution (or foam)
Drywood Termites and Wood-infesting Beetles or Borers	Drywood Termites (not in CA)	Wood-Infesting Beetles (not in CA)	Wood-Infesting Borers (not in CA)	0.06% finished dilution (or foam)
Carpenter Bee Use in Localized Areas	Carpenter Bees (not in CA)			0.06% finished dilution (or foam)
Control Listed Pests on Outside Surfaces and Along Foundation Perimeter of Listed Structures	Acrobat Ants Argentine Ants Big-headed Ants Carpenter Ants Crazy Ants Odorous house Ants Pavement Ants Pharaoh Ants Thief Ants Asian Lady Beetles	Australian Cockroaches Oriental Cockroaches Smoky Brown Cockroaches Black Widow Spiders Brown Recluse Spiders Cellar Spiders Hobo Spiders Boxelder Bugs Brown Dog Ticks Centipedes	Cluster Flies European Earwigs House Crickets Millipedes Paper Wasps Pill Bugs Silverfish Yellowjackets* Darkling Beetles	0.03% to 0.06% finished dilution

*Not a knockdown agent

NAVIGATOR SC is an EPA registered product of Gharda Chemicals International, Inc. Important: Always read and follow label instructions. Some products may not be registered for sale or use in all states or counties. Please check with your state agency responsible for pesticide registration to ensure registration status.

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AMGUARD[™]
ENVIRONMENTAL TECHNOLOGIES

Safety Data Sheet

Issue Date: 17-Jan-2018

Revision Date: 22-Jan-2018

Version 1

1. IDENTIFICATION

Product Identifier

Product Name Navigator SC Termiticide/Insecticide

Other means of identification

SDS # GCI-011

Registration Number(s) EPA Reg. No. 93182-23
UN/ID No UN2588

Recommended use of the chemical and restrictions on use

Recommended Use Liquid (soluble) concentrate. It is diluted with water prior to use. Refer to product label for further details.

Details of the supplier of the safety data sheet

Manufacturer Address

GHARDA CHEMICALS INTERNATIONAL INC.
760 Newtown-Yardley Road
Suite 110
Newtown, PA USA 18940
Website: www.ghardausa.com
For further information contact: 1 (215) 968-9474

Emergency Telephone Number

Emergency Telephone (24 hr) MEDICAL EMERGENCY (24 hr): PROPHARMA (866)-359-5660
TRANSPORTATION OR SPILL (24 hr): CHEMTREC (800) 424-9300

2. HAZARDS IDENTIFICATION

Emergency Overview This chemical is a product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-EPA registered chemicals. Please see Section 15 for additional EPA information.

Appearance Cream to faint brown suspension

Physical state Liquid

Odor Odorless

Classification

Acute toxicity - Oral	Category 4
Specific target organ toxicity (repeated exposure)	Category 1

Signal Word

Danger

Hazard statements

Harmful if swallowed
Causes damage to organs through prolonged or repeated exposure

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Do not breathe dust/fume/gas/mist/vapors/spray

Precautionary Statements - Response

Get medical advice/attention if you feel unwell
IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell
Rinse mouth

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other hazards

Very toxic to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%
Fipronil	120068-37-3	9.1

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES**First Aid Measures**

General Advice	Provide this SDS to medical personnel for treatment.
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a poison control center or doctor for treatment advice.
Skin Contact	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
Inhalation	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
Ingestion	Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

Most important symptoms and effects

Symptoms	Harmful if swallowed. Causes damage to organs through prolonged or repeated exposure.
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Indication of any immediate medical attention and special treatment needed**Notes to Physician**

Treat symptomatically.

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Small FireDry chemical. Carbon dioxide (CO₂). Water spray.**Large Fire**

Water spray or fog. Regular foam.

Unsuitable Extinguishing Media Not determined.**Specific Hazards Arising from the Chemical**

Move containers from fire area if you can do so without risk.

For fires involving tanks: Cool containers with flooding quantities of water until well after fire is out. Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank. Always stay away from tanks engulfed in fire.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also, consider initial evacuation for 800 meters (1/2 mile) in all directions. LARGE SPILL: Consider initial downwind evacuation for at least 300 meters (1000 feet).

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures****Personal Precautions**

Use personal protective equipment as required. Do not touch or walk through spilled material. Keep unnecessary personnel away. Stay upwind. Refer to protective measures listed in sections 7 and 8.

Environmental precautions**Environmental precautions**

Prevent entry into waterways, sewers, basements or confined areas. See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up**Methods for Containment**

Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up

CALL EMERGENCY RESPONSE Telephone Number on shipping paper first. If shipping paper not available or no answer, refer to appropriate telephone number listed on the inside back cover. As an immediate precautionary measures, isolate spill or leak area in all directions for at least 50 meters (150 feet) for liquids and at least 25 meters (75 feet) for solids. Cover with plastic sheet to prevent spreading. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.

7. HANDLING AND STORAGE**Precautions for safe handling****Advice on Safe Handling**

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes. Ensure adequate ventilation, especially in confined areas.

Conditions for safe storage, including any incompatibilities

Storage Conditions	Keep container tightly closed and store in a cool, dry and well-ventilated place. Keep away from foodstuffs, beverages, and feed. Keep away from heat. Protect from direct sunlight. Store between 0°C and 30 °C.
Incompatible Materials	Strong acids. Strong bases. Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies
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Appropriate engineering controls

Engineering Controls	Ensure adequate ventilation, especially in confined areas.
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Individual protection measures, such as personal protective equipment

Eye/Face Protection	Tightly sealed goggles.
Skin and Body Protection	Wear protective gloves. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Suitable protective clothing. Wear two layers of clothing wherever possible. Polyester/cotton or cotton overalls should be worn under chemical protection suit and should be professionally laundered frequently.
Respiratory Protection	Respiratory single serving mask DIN EN 149 with filter FFP2.
General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

Physical state	Liquid	Odor	Odorless
Appearance	Cream to faint brown suspension	Odor Threshold	Not determined
Color	Cream to faint brown		
Property	Values	Remarks • Method	
pH	Slightly acidic		
Melting Point/Freezing Point	Not determined		
Boiling Point/Boiling Range	100 °C / 212 °F		
Flash Point	> 80 °C / 176 °F		
Evaporation Rate	Not determined		
Flammability (Solid, Gas)	Not flammable		
Flammability Limits in Air			
Upper Flammability Limits	Not determined		
Lower Flammability Limit	Not determined		
Vapor Pressure	Not determined		
Vapor Density	Not determined		
Relative Density	1.00 to 1.050 g/cm ³ at 22°C		
Water Solubility	1.9 mg/L in distilled water		
Solubility in other solvents	Acetone 545, dichloromethane 22, Hexane 0.028, toluene 3 (all in g/l, 25 °C).		
Partition Coefficient	Not determined		
Auto-ignition Temperature	Not determined		
Decomposition Temperature	Not determined		
Kinematic Viscosity	Approx. 3000-6000 cp at 1.5 rpm		

Dynamic Viscosity	Brookfield spindle no.2, at 30 °C
Explosive Properties	Not determined
Oxidizing Properties	Not determined

Other Information

Molecular weight	437.2
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10. STABILITY AND REACTIVITY**Reactivity**

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to Avoid

Keep out of reach of children.

Incompatible Materials

Strong acids. Strong bases. Strong oxidizing agents.

Hazardous Decomposition Products

May emit toxic fumes under fire conditions.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure****Product Information**

Eye Contact	Avoid contact with eyes.
Skin Contact	May be harmful in contact with skin.
Inhalation	Do not inhale.
Ingestion	Harmful if swallowed.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Inert Ingredients	> 90 mL/kg (Rat)	-	-
Fipronil 120068-37-3	= 97 mg/kg (Rat)	> 2000 mg/kg (Rat)	-

Information on physical, chemical and toxicological effects

Symptoms	Please see section 4 of this SDS for symptoms.
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Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity	Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
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STOT - repeated exposure Causes damage to organs through prolonged or repeated exposure.

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 1,066.00 mg/kg
ATEmix (dermal) 3,297.00 mg/kg
ATEmix (inhalation-dust/mist) 5.51 mg/L

12. ECOLOGICAL INFORMATION

Ecotoxicity

Very toxic to aquatic life with long lasting effects.

Component Information

Daphnia LC 50/48h: >380 g/L
Bluegill sunfish LC50/96 h: 170 g/L
Rainbow trout LC50/ 96h: 500 g/L
Birds LD50: Pigeon >2000 mg/kg
Algae EC 50 *Scenedesmus subspicatus* (96 hours): 0.14 mg/l
Bee LD50: Highly toxic to honey bees
Earthworm LD50 (14 day): Non toxic

Persistence/Degradability

Not easily biodegradable.

Bioaccumulation

Not determined.

Mobility

Not determined

Other Adverse Effects

PBT Assessment: If released to air, a vapor pressure of 2.78×10^{-9} mm Hg at 25 deg C indicates fipronil will exist solely in the particulate phase in the atmosphere. Particulate-phase fipronil will be removed from the atmosphere by wet or dry deposition. Fipronil contains chromophores that absorb at wavelengths >290 nm and, therefore, may be susceptible to direct photolysis by sunlight. If released to soil, fipronil is expected to have low to no mobility based upon Koc values of 825 to 6863. Photolytic half-lives in soil for fipronil were reported as 147 to 217 hours. Fipronil is expected to biodegrade in soil and water based upon studies showing estimated degradation half-lives of 25.1 to 91.2 days in three sediments under aerobic conditions and 4.6 to 18.5 days for the same sediments under anaerobic conditions. If released into water, fipronil is expected to adsorb to suspended solids and sediment based upon the Koc values. A whole body BCF of 321 in bluegill suggests bioconcentration in aquatic organisms is high. Fipronil is stable to hydrolysis at pH 5.5 and pH 7, but has a hydrolysis half-life of 28 days at pH 9. An aqueous photolytic half-life for fipronil was reported as 4.1 hours

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes

Must not be disposed together with household garbage. Do not allow product to reach sewage system. Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging

Do not reuse empty containers.

California Hazardous Waste Status

Chemical Name	California Hazardous Waste Status
Fipronil 120068-37-3	Toxic

14. TRANSPORT INFORMATION**Note**

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

UN/ID No	UN2588
Proper Shipping Name	Pesticide, solid, toxic, n.o.s. (Fipronil)
Hazard Class	6.1
Packing Group	III
Marine Pollutant	Yes.

IATA

UN/ID No	UN2588
Proper Shipping Name	Pesticide, solid, toxic, n.o.s. (Fipronil)
Hazard Class	6.1
Packing Group	III
Marine Pollutant	Yes

IMDG

UN/ID No	UN2588
Proper Shipping Name	Pesticide, solid, toxic, n.o.s. (Fipronil)
Hazard Class	6.1
Packing Group	III
Marine Pollutant	Yes

15. REGULATORY INFORMATION**International Inventories**

Chemical Name	TSCA	DSL/NDL	EINECS/E LINCS	ENCS	IECSC	KECL	PICCS	AICS
Inert Ingredients	X	X	X		X	Present	X	X
Fipronil	X		X	Present		Present		

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated under applicable state right-to-know regulations

EPA Pesticide Registration Number EPA Reg. No. 93182-23**EPA Statement**

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

EPA Pesticide Label

SIGNAL WORD: CAUTION

Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear goggles, face shield, or safety glasses. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

Difference between SDS and EPA pesticide label

	EPA	OSHA
Signal Word	Caution	Danger
Acute toxicity - Oral	Harmful if swallowed	Harmful if swallowed
Serious eye damage/eye irritation	Causes moderate eye irritation	NA
Specific target organ toxicity (repeated exposure)	NA	Causes damage to organs through prolonged or repeated exposure

16. OTHER INFORMATION**NFPA****Health Hazards****Flammability****Instability****Special Hazards**

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0

0

Not determined

HMIS**Health Hazards****Flammability****Physical hazards****Personal Protection**

Not determined

Not determined

Not determined

Not determined

Issue Date: 17-Jan-2018**Revision Date:** 22-Jan-2018**Revision Note:** New format**Disclaimer**


The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

53883-279

04-20-2011

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17

	U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7505P) 1200 Pennsylvania Ave., N.W. Washington, D.C. 20460	EPA Registration No. 53883-279	Date of Issuance: APR 20 2011
NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> Registration <input type="checkbox"/> Reregistration (under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)		Term of Issuance: Conditional	
		Name of Pesticide Product: Taurus SC Termiticide/Insecticide	
Name and Address of Registrant (include ZIP Code): Anne M. Turnbough Manager, Regulatory Affairs Control Solutions, Inc. 5903 Genoa - Red Bluff Pasadena, TX 77507-1041			
Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.			
<p>On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.</p> <p>Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p> <p>This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(a) provided that you:</p> <p>(See comments on pages 2-3)</p> <p>A copy of your label stamped "Accepted with Comments" is enclosed for your records.</p>			
Signature of Approving Official: Refer to Page 3 Richard J. Gebken, Product Manager Registration Division, Insecticide Branch		Date: APR 20 2011	

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable subject to the comments listed below.

1. Make the following label changes:

- a. ~~Revise the EPA Registration Number to read, "EPA Reg. No. 53883-279"~~
- b. Revise the "PRE-CONSTRUCTION TREATMENT" statement on page 4 by adding the following statement:

"Do not apply at a dosage and/or concentration lower than 0.06% for applications up to and including installation of the final grade."

- c. Revise the "DIRECTIONS FOR USE TO CONTROL PERIMETER PESTS" statement on pages 12-13 by adding the following statements in addition to those already listed:

- Do not exceed the maximum of two applications per year.
- Do not apply to playground equipment and pet quarters.
- Do not allow applications to runoff or drip from treated surface.
- Do not apply to boat houses, including their piers or pilings.
- Do not apply within 5 feet of wells or cisterns.
- Do not apply to French drains or other permeable drainage.
- Doors and windows adjacent to application site must be closed during surface application.
- Do not apply within 15 feet of bodies of fresh water: lakes, reservoirs, rivers, permanent streams, marshes, natural ponds, and commercial fish ponds. A 15-foot buffer of uniform groundcover must exist between application zone and bodies of fresh water (uniform ground cover is defined as land which supports vegetation of greater than 2 inches in height throughout).
- Do not apply within 60 feet of estuarine bodies of water. Estuarine water bodies are brackish, tidal water bodies such as bays, mouths of rivers, salt marshes, and lagoons."

2. Submit and/or cite all data required for registration/reregistration of your product when the Agency requires all registrants of similar products to submit such data.

3. Within one year of the date on this Notice of Registration (NOR), and prior to formulating this product, you must provide the Agency the following:

- a. The registration number and establishment number of the manufacturing or technical product from which the active ingredient is derived.
- b. The name and address of the entity from which the manufacturing product was obtained; and
- c. A copy of the bill of sale.

If the above information and materials are not submitted within one year of this NOR, this registration will expire on April 20, 2012.

4. You will be held to the same conditions as the product you cited as a basis for the finding that your product is identical or substantially similar to the currently registered product, 7969-210. When additional conditions or requirements are applied to the cited product to address the concerns discussed in EPA's letter, dated 4/20/11, the Agency will notify you and you will have 30 days to submit an amendment to conform with those conditions or requirements.
5. Within sixteen (16) months of the date on this NOR, provide to the Agency acceptable data packages for Guideline Studies as follows:
 - a. OPPTS 830.6317, (Storage Stability) and OPPTS 830.6320 (Corrosion Characteristics). If acceptable data is not submitted within 16 months of this NOR, this registration will expire on August 20, 2012.

Two copies of the finished labeling must be submitted prior to releasing the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. If you have any questions, you may contact Clayton Myers, at (703) 347-8874, or via email at myers.clayton@epa.gov.

Sincerely,



Richard Gebken
Product Manager
Insecticide Branch
Registration Division (7505P)

Enclosures
Stamped Label
Agency Acute Toxicity Review
Agency Product Chemistry Review
Agency Efficacy Review

Taurus SC

Termiticide / Insecticide

For sale to, use and storage only by individuals/firms licensed or registered by the state to apply termiticide and/or general pest control products.

Active Ingredient

*Fipronil 9.1%

Other Ingredients 90.9%
100.0%

*(5-amino-1-(2,6-dichloro-4-(trifluoromethyl)phenyl)-4-((1R,S)-(trifluoromethyl)sulfinyl)-1H-pyrazole-3-carbonitrile)

Taurus SC termiticide / insecticide contains 0.8 pounds active ingredient per gallon.

KEEP OUT OF REACH OF CHILDREN

Caution/Precaución

Si usted no entiende la etiqueta, busque a alguien para que la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

(See attached label for additional precautionary information and complete Directions for Use).

EPA Reg. No. 53883-xxx

**ACCEPTED
With COMMENTS
In EPA Letter Dated:**

EPA Est. No. 53883-TX-002

Control Solutions, Inc.
5903 Genoa-Red Bluff
Pasadena, TX 77507-1041

**Under the Federal Insecticide, Fungicide
and Rodenticide Act, As amended, for the
pesticide Registered under EPA Reg. No:**

Net Contents:

APR 20 2011

53883 - 279

FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

If swallowed:

- Call a Poison Control Center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

If on skin or clothing:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

If inhaled:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.
- Call a poison control center or doctor for treatment advice.

If in eyes:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

Note to Physician: There is no specific antidote. All treatment should be based on observed signs and symptoms of distress in the patient. Overexposure to materials other than this product may have occurred. In severe cases of overexposure by oral ingestion, lethargy, muscle tremors, and in extreme cases, possibly convulsions may occur.

5
17

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall® (866) 897-8050 for emergency medical treatment information

PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals
Caution

Harmful if swallowed, absorbed through skin or inhaled. Do not get in eyes, on skin or on clothing. Do not breathe spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE):

All pesticide handlers (mixers, loaders, and applicators) must wear long-sleeved shirt and long pants, socks, shoes, and chemical-resistant gloves. All pesticide handlers must wear a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any N, R, P or HE filter, when working in a non-ventilated space, including but not limited to crawl-spaces and basements. All pesticide handlers must wear protective eyewear (goggles, a faceshield, or safety glasses with front, brow, and temple protection) when working in a non-ventilated space, including but not limited to crawl-spaces and basements or when applying termiticide by rodding or sub-slab injection.

User Safety Recommendations

Users should wash hands thoroughly with soap and water before eating, drinking, chewing gum, using tobacco or using the toilet.

Remove contaminated clothing. Then wash body thoroughly with soap and water and put on clean clothing. Wash clothing with detergent and hot water before reusing.

Remove PPE immediately after handling this product. Wash outside of gloves before removing. Wash PPE before reusing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to birds, fish, and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Care must be taken to avoid runoff. Do not contaminate water by cleaning equipment or disposal of wastes. Do not contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE

It is violation of federal law to use this product in a manner inconsistent with its labeling.

Read entire label before using this product.

For sale to, use and storage only by individuals/firms licensed or registered by state to apply termiticide and/or general pest control products. States may have more restrictive requirements regarding qualifications of persons using this product. Consult the structural pest control regulatory agency of your state prior to use of this product.

**DIRECTIONS FOR USE
TO CONTROL TERMITES**

USE RESTRICTIONS:

When treating adjacent to an existing structure, the applicator must check the area to be treated, and immediate adjacent areas of the structure, for visible and accessible cracks and holes to prevent any leaks or significant exposures to persons occupying the structure. People present or residing in the structure during application must be advised to remove their pets and themselves from the structure if they see any signs of leakage. After application, the applicator is required to check for leaks. All leaks resulting in the deposition of termiticide in locations other than those prescribed on this label must be cleaned up prior to leaving the application site. Do not allow people or pets to contact contaminated areas or to reoccupy contaminated areas of the structure until the clean up is completed.

- Prior to drilling and treating through concrete structures, such as patios, porches, sidewalks and foundation slabs applicator should first determine that there are no habitable areas below that could be unintentionally contaminated by the treatment.
- Only protected applicators wearing personal protective equipment as required by this product label may be in the area during application.
- All holes in commonly occupied areas into which this termiticide / insecticide product has been applied must be plugged. Plugs must be of a non-cellulose material or covered by an impervious, non-cellulose material.
- Do not apply finished dilution of this product until all heating/air conditioning ducts, air vents, plumbing pipes, sewer lines, floor drains, heating pipes and electrical lines/conduits are known and identified. Do not puncture or contaminate any of these.
- Do not treat within a distance of one foot out from the drip line of edible plants.
- Do not contaminate public and private water supplies.
- Do not make treatments while precipitation is occurring.
- Do not treat soil that is water-saturated or frozen.
- Use anti-backflow or air gap equipment with filling hoses.

General Information

When used in accordance with the directions in this label, this product provides effective prevention and/or control of subterranean termites. This product must be applied in manner which provides a continuous treated zone to effectively prevent termites from infesting wood.

This product may only be applied by licensed technicians familiar with trenching, rodding, short rodding, sub-slab injection, low-pressure banded surface applications and foam delivery techniques. This product is a highly effective termiticide against a variety of subterranean termites including species of *Reticulitermes*, *Zootermopsis*, *Heterotermes*, and *Coptotermes*.

Taurus SC is formulated as a water-based suspension concentrate liquid containing 9.1% active ingredient.

Mixing Instructions

To mix Taurus SC termiticide / insecticide:

1. Fill the tank 1/4 to 1/3 full with water. The filling hose must be equipped with an anti-backflow device or water flow must include an air gap to protect against back siphoning.
 2. Start the pump to begin by-pass agitation and place the end of the treating tool in the tank to allow circulation through the hose.
 3. Add the appropriate amount of Taurus SC required to prepare the desired dilution.
 4. Add the remaining water.
 5. Continue to run the pump allowing recirculation through the hose back into the tank until the Taurus SC is completely dispersed.
- To mix a 0.06% dilution, add 0.8 fluid ounces of Taurus SC per gallon of finished dilution.
 - To mix a 0.09% dilution, add 1.2 fluid ounces of Taurus SC per gallon of finished dilution.
 - To mix a 1.25% dilution, add 1.6 fluid ounces of Taurus SC per gallon of finished dilution.

Application Rates for Termiticide Use

For most applications, use the 0.06% dilution and apply at a rate of 4 gallons of dilution per 10 linear feet per foot of depth. For example, for treatment of 10 linear feet with a four-foot depth, use 4 x 4 (16) gallons per 10 linear feet. Do not apply at a concentration less than 0.06%.

Use the higher concentrations (0.09% or 0.125%) in areas with severe termite pressure or existing infestations. Apply the higher concentration at a rate of 4 gallons of solution per 10 linear feet per foot of

depth. For example, for treatment of 10 linear feet with a four-foot depth, use 16 (4 x 4) gallons per 10 linear feet.

In dense soil that will not accept a volume of 4 gallons per linear foot per foot of depth, use the 0.125% dilution, and apply at a rate of 2 gallons per 10 linear feet per foot of depth. For example, for treatment of 10 linear feet with a four-foot depth, use 8 (2 x 4) gallons per 10 linear feet. When using the lower volume of application, be careful to maintain a continuous treated zone. If application requires drilling, drill holes less than 12" apart to maintain a continuous treated zone.

PRE-CONSTRUCTION TREATMENT

In advance of treatment, applicators must notify the general contractor, construction superintendent, or other responsible personnel of the intended Taurus SC application and the intended sites of application. Applicators must instruct the person responsible to notify construction workers and other individuals on site to vacate the treatment area and not to return until Taurus SC has been absorbed into the soil.

General Information

Pre-construction treatments include any treatment made during all phases of construction up to and including installation of the final grade. Establishing a thorough and complete horizontal and vertical treated zone will provide effective pre-construction termite control.

When foundations are deeper than 4 feet, it is preferable to apply Taurus SC as the backfill is being replaced. If the backfill is already in place, the applicator must trench and rod into the trench or trench along the foundation walls, around pillars and other foundation elements, at the rate prescribed from grade to a minimum depth of 4 feet. When trenching in sloping or tiered soil, the trench must be stepped to ensure adequate distribution and to prevent Taurus SC from running out of the trench. When the top of the footing is exposed, the soil adjacent to the footing must be treated to a depth not to exceed the bottom of the footing. Never treat any structure below the footing.

Concrete Slab (Including Monolithic, Floating and Supported Concrete Slabs) on Ground or in Basements and Crawl Spaces

Horizontal treated zones: Apply an overall treatment of Taurus SC to the entire surface to be covered by the concrete slab. This includes living area, as well as carports, porches, basement floors, and any extended entrances. Apply this treatment at the rate of 1 to 1.5 gallons of finished dilution per 10 square feet using a coarse spray nozzle and low-pressure spray (less than 25 p.s.i.). Spray the dilution evenly and uniformly over the entire area to be treated. If the slab is not to be poured the same day as treatment, cover the treated soil with a waterproof barrier such as polyethylene sheeting.

Vertical treated zones: Apply Taurus SC at a rate of 1 gallon of finished dilution per square foot around anything penetrating the slab such as utility service and plumbing lines. Apply Taurus SC at a rate of 4 gallons of finished dilution per 10 linear feet per foot of depth along the inside and outside perimeter of foundation walls. The applicator must trench and rod into the trench or trench along the foundation walls and around pillars and other foundation elements. If the footing is more than 4 feet below grade, make this treatment to a minimum of 4 feet below grade. A trench need not be any wider than 6 inches. Treat the soil which will be replaced into the trench using a low-pressure spray (not more than 25 p.s.i. at the nozzle). When rodding from grade or from the bottom of a shallow trench, space the rod holes no more than 12 inches apart in a manner which will create a continuous treated zone.

It is highly recommended that a complete horizontal treated zone be created prior to the slab pour. However, if the slab was poured before a horizontal treatment could be made, refer to the "Post-Construction" section of this label for alternate application instructions.

Hollow Block Foundations or Voids

Create a continuous treatment zone by treating hollow block foundations or voids in masonry resting atop the footing. If voids in the masonry elements are not openly accessible, drill and treat into these voids by applying 2 gallons of finished dilution per 10 linear feet of footing using a nozzle pressure of 25 p.s.i. or lower. When using this treatment, drill the access holes as close to the footing as is practical. Drilling below the sill plate is acceptable. Applicators must examine the treated areas of voids in block or rubble foundation walls closely for possible runoff as a precaution against application leakage. Mechanical alteration to some areas may be required before a treatment can be made. Other areas may not be treatable.

All leaks resulting during the application of Taurus SC in locations other than those prescribed on this label must be cleaned up before leaving the application site. Do not allow people or pets to come in

contact with contaminated areas or allow them to reoccupy the treatment site until the clean up is completed.

Not for use in voids insulated with rigid foam.

Use with Other Products

When a borate-based termite control product has been chosen as the primary pre-construction treatment for subterranean termites and is applied in accordance with the directions for use on the borate product's label, Taurus SC may be used as an exterior perimeter pre-construction treatment. For an exterior perimeter pre-construction treatment, Taurus SC must be applied in such a way as to create a continuous treated zone along the exterior foundation of the structure. A complete and thorough horizontal pre-construction treatment with Taurus SC under the concrete slab is optional.

Taurus SC may also be applied to critical areas of the interior of the structure including around plumbing or utility services penetrating floors, bath and / or shower traps, or along concrete expansion joints, and other areas of known or suspected termite activity.

Refer to the "POST-CONSTRUCTION EXTERIOR PERIMETER / LOCALIZED INTERIOR (EP / LI) STRUCTURAL TERMITE TREATMENT" section of this label for instructions on applications to the exterior perimeter of a structure and to critical areas in the interior of the structure.

POST-CONSTRUCTION CONVENTIONAL STRUCTURAL TERMITE TREATMENT

General Information

For applications of Taurus SC made after the final grade is installed to protect the structure from termite infestation and/or to control existing termite populations, the applicator must trench and rod into the trench or trench along the foundation walls, around pillars and other foundation elements, at the rate prescribed from grade to the top of the footing. When the footing is more than 4 feet below grade, treat to a minimum depth of four feet. The depth of treatment will vary depending on soil type, degree of compaction and location of termite activity. When the top of the footing is exposed, the soil adjacent to the footing must be treated to a depth not to exceed the bottom of the footing. Never treat any structure below the footing.

To establish a complete exterior perimeter treatment zone along the foundation wall, drill any exterior concrete structures adjoining the foundation, such as patios, porches and sidewalks, and treat by sub-slab injection of Taurus SC finished dilution.

Before treatment, locate and identify all heating or air conditioning vents and ducts, water and sewer plumbing lines, electrical lines and conduits, and avoid contamination or damage to these structural elements.

Concrete Slab Over Soil (Including Monolithic, Floating and Supported Slabs)

Exterior perimeter: Apply by trenching and rodding into the trench or by trenching along the foundation walls at the rate of 4 gallons of finished dilution per 10 linear feet per foot of depth, or, if the footing is more than 4 feet below grade treat to a minimum depth of 4 feet. Trenches need not be wider than 6 inches and must be a minimum of 6 inches deep or to the bottom of the footing. Never treat a structure below the footing. Space the rod holes no more than 12 inches apart in a manner which will create a continuous treated zone. Mix the finished dilution into the soil before replacing it into the trench.

Sub-slab injection: Sub-slab injection treatments can be made from inside the structure, or in cases where this is not possible, from the outside of the structure by drilling through the foundation as directed below. Before treatment, locate and identify all heating or air conditioning vents and ducts, water and sewer plumbing lines, electrical lines and conduits, and avoid contamination or damage to these structural elements.

Vertical drilling / injection: Make treatments under the slab by drilling vertically through the slab along the interior perimeter of the foundation including the garage. Drill holes along all concrete expansion joints, cracks, plumbing and utility services penetrating the slab. Drill holes along interior partition walls when there is clear evidence of termite activity or damage. Space all drill-holes no more than 12 inches apart in a manner which will create a continuous treated zone. Inject the finished dilution of Taurus SC into the drill-holes at a rate of 4 gallons per 10 linear feet per foot of depth. When making applications, use a lateral dispersal nozzle to achieve the best results. After treatment, all holes in commonly occupied areas must be plugged with a non-cellulose material or covered with an impervious, non-cellulose material.

Horizontal drilling / rodding / sub-slab injection from the exterior of the foundation: Use this technique to treat underneath the slab only when floors or interior design do not allow for treatment by vertical drilling. Care must be taken not to rod into heating or air conditioning vents and ducts, water and sewer plumbing lines, electrical lines and conduits. Use horizontal short rodding practices to create a continuous treated zone into the soil proximal to the inside of the foundation wall. Angle drill-holes through the outside of the foundation to ensure deposition of Taurus SC below any existing heating ducts, water and sewer lines, or electrical conduits. Use horizontal long rodding practices only when the areas to be treated underneath the slab are not accessible by vertical rodding or horizontal short rodding. Do not use long rods exceeding 20 feet. For all horizontal rodding applications space drill-holes no more than 12 inches apart in a manner which will create a continuous treated zone. Inject the finished dilution of Terminal into the drill-holes at a rate of 4 gallons per 10 linear feet per foot of depth. All holes must be plugged with a non-cellulose material or covered by and impervious, non-cellulose material.

Bath traps: Treat exposed soil or soil covered with tar or similar sealants beneath or around plumbing and/or drain pipe entry areas with a minimum of 1 gallon but not more than 4 gallons of finished dilution per square foot. It may be necessary to remove tar or sealant to ensure adequate soil penetration. Install an access door or inspection portal if one is not already present. After inspection and removal of all wood or cellulose debris, treat the soil by rodding or drenching with the finished dilution of Taurus SC.

Shower drains: To treat the soil beneath and adjacent to shower pan drains, drill through the slab adjacent to the shower pan and apply the finished dilution of Taurus SC by sub-slab injection. Foam can be used to maximize dispersion. Drill multiple access points adjacent to the drain, and use a directional dispersion tip to enhance the treatment of the soil beneath the drain. Treat with a minimum of 1 gallon but not more than 4 gallons of finished dilution per shower drain. Horizontal rodding can be used to access and treat soil associated with the shower drain.

Structures with French Drains and Sump Pumps

In sites where French drains exist at the footer along the foundation perimeter, common in hollow block foundation structures, the soil must be dry before applications can be made. Do not treat soil that is saturated or frozen. Do not make treatments while precipitation is occurring. To prevent seepage of finished dilution or damage to drains or tiles, do not rod through the slab any closer than 24 inches from French drains. Do not apply Taurus SC within 5 feet from the sump pump pit and pump. Do not drill through hollow block foundations that border French drains to prevent drainage or seepage from the block into the drains.

Identify and locate French drains, then apply Taurus SC in the following manner:

- 1) Unplug the sump pump. Inspect the sump pit for water. If no water is present, keep the sump pump unplugged while making the treatment.
- 2) If water is in the pump pit, unplug the sump pump and remove four cups of water from the pit. Mark the water level. Wait 10 minutes then check the water level in the pit. If the water level has risen, there is too much seepage to make a treatment. If the water level has not risen, a treatment can be made as long as the sump pump remains unplugged.

During application, check the sump pump pit every few minutes for the presence of termiticide dilution. If dilution is detected, stop the treatment immediately and remove all dilution from the pump pit before plugging the pump back in. Dispose of the dilution from the sump pump pit as directed by this label in the "Storage and Disposal" section.

Basement Structures

Exterior perimeter: Apply by trenching and rodding into the trench or by trenching along the foundation walls at the rate of 4 gallons of finished dilution of Taurus SC per 10 linear feet per foot of depth, or, if the footing is more than 4 feet below grade treat to a minimum depth of 4 feet. Trenches need not be wider than 6 inches and must be a minimum of 6 inches deep or to the bottom of the footing. When trenching in sloping or tiered soil, the trench must be stepped to ensure adequate distribution and to prevent Taurus SC from running out of the trench. Never treat a structure below the footing. Space the rod holes no more than 12 inches apart in a manner which will create a continuous treated zone. Mix the finished dilution into the soil before replacing it into the trench.

Inside perimeter: To treat under the basement floor slab, drill vertically through the slab along the interior perimeter of the foundation. Drill holes along all concrete expansion joints, cracks, and any plumbing or utility services penetrating the slab. Drill holes along both sides of partition foundation walls, and around piers. Where there is clear evidence of termite activity in a non-foundation interior partition wall, drill holes through the slab adjacent to the wall along one side. Space all drill-holes no more than 12 inches apart in

12
17

a manner which will create a continuous treated zone. Inject the finished dilution of Taurus SC into the drill-holes at the rate of 4 gallons per 10 linear feet per foot of depth. When making applications, use a lateral dispersal nozzle to achieve the best results. After treatment, all holes in commonly occupied areas must be plugged with a non-cellulose material or covered with an impervious, non-cellulose material.

Accessible Crawl Space Construction

Before treatment turn off any air circulation equipment that moves air from the area to be treated to any untreated interior space of the structure. Do not turn the air circulation system back on until the application of Taurus SC is completed and has been absorbed into the soil.

Treat crawl spaces by applying a vertical Taurus SC termiticide treatment at the rate of 4 gallons of finished dilution per 10 linear feet per foot of depth from grade to the top of the footing, or, if the footing is more than 4 feet below grade treat to a minimum depth of 4 feet. Apply by trenching, or by trenching and rodding into the trench. Treat both sides of foundation and around all piers and pipes. In areas where physical obstructions exist that prevent trenching, such as concrete walkways adjacent to the foundation, apply by rodding alone. Where soil type and/or conditions make trenching impossible, apply by rodding. When the top of the footing is exposed, treat the soil adjacent to the footing to a depth not to exceed the bottom of the footing. Read and follow the mixing directions in the "Mixing Instructions" section of this label when encountering soil types which will not accept the full application volume.

- Rod holes and trenches must not extend beneath the bottom of the footing.
- Space the rod holes no more than 12 inches apart in a manner which will create a continuous treated zone.
- Trenches need not be wider than 6 inches and must be a minimum of 6 inches deep or to the bottom of the footing. When trenching in sloping or tiered soil, the trench must be stepped to ensure adequate distribution and to prevent Taurus SC from running out of the trench. Mix the finished dilution into the soil before replacing it into the trench.

Inaccessible Crawl Space Construction

Before treatment turn off any air circulation equipment that moves air from the area to be treated to any untreated interior space of the structure. Do not turn the air circulation system back on until the application of Taurus SC is completed and has been absorbed into the soil.

For any inaccessible interior areas, for example where the clearance between the floor joists and ground surfaces do not allow for operator access, excavate, if possible, and follow the instructions for accessible crawl spaces. When excavation is not possible, apply one or a combination of the following two methods:

- 1) Establish a horizontal treated zone by applying 1 gallon of finished dilution of Taurus SC with a coarse application nozzle (e.g., Delavan Type RD Raindrop, RD-7 or larger, or Spraying Systems Co. 80110LP Teejet or comparable nozzle) per 10 square feet of soil surface using a nozzle pressure of less than 25 p.s.i. For any area which cannot be reached with the application wand, use one or more extension rods. Do not broadcast or power spray with high pressures.
- 2) Establish a horizontal treated zone by drilling through the foundation wall or through the floor above and treat the soil adjacent to the foundation at a rate of 1 gallon of finished dilution of Taurus SC per 10 square feet. Drill spacing must not exceed 16 inches between drill-holes. Many states have smaller interval requirements so check state regulations before application. Treat the soil adjacent to foundation elements with short or long rodding techniques without drilling if it is possible to reach the soil to be treated with the treatment tool.

Hollow Block Foundations / Voids

Establish a continuous treated zone in hollow block foundations or voids in masonry resting on top of the footing by drilling and treating into voids of multiple masonry elements of the structure to soil level. If not openly accessible, drill and treat into voids of masonry elements. Apply 2 gallons of finished dilution per 10 linear feet of footing at a nozzle pressure of 25 p.s.i. or less. When making this treatment, drill access holes as close as possible to the footing, below the level of the sill plate if necessary. Applicators must examine the treated areas for possible runoff as a precaution against application leakage. Mechanical alteration to some areas may be required before a treatment can be made. Other areas may not be treatable.

All leaks resulting during the application of Taurus SC in locations other than those prescribed on this label must be cleaned up before leaving the application site. Do not allow people or pets to come in contact with contaminated areas until the clean up is completed.

Not for use in voids insulated with rigid foam.

Treatment of Structures with Wells or Cisterns

Do not contaminate wells or cisterns.

Do not apply Taurus SC within 5 feet of any well or cistern. Treat soil 5 to 10 feet from any well or cistern by backfill method only. Treat soil adjacent to water pipes within 3 feet of grade by backfill method only.

Backfill method:

- 1) Trench to remove the soil to be treated and place it into a wheelbarrow or onto heavy plastic sheeting or similar material.
- 2) Treat the soil at a rate of 4 gallons of finished dilution of Taurus SC per 10 linear feet per foot of trench depth, or at a rate of 1 gallon per cubic foot of soil. Mix the Taurus SC thoroughly into soil while taking care to prevent runoff or spillage.
- 3) After the treated soil has completely absorbed the finished dilution of Terminal, put it back into the trench.

Structures Adjacent to Wells / Cisterns and / or Other Bodies of Water

Prior to application examine any structure with nearby sources of water such as wells, cisterns, ponds, streams or other bodies of water, then follow the treatment procedures described below.

- 1) If the pipe(s) from the well enter the structure with 3 feet of grade, expose them if possible prior to treatment. Treat the soil adjacent to the water pipe(s) using the backfill method described above.
- 2) Take precautions, prior to treatment, to limit the risk of Taurus SC being applied into subsurface drains which empty into any bodies of water, including evaluating whether treatment of the footer could result in contamination of subsurface drains. Take into consideration such factors as depth to the drain system, soil type and degree of soil compaction when determining the depth of treatment.
- 3) Use the treated backfill method, when appropriate (e.g., on the water side of the structure), to minimize off-site movement of Taurus SC.
- 4) To minimize potential runoff of Taurus SC into non-target areas, apply a finished dilution of 0.125% at a rate of 2 gallons per 10 linear feet per foot of depth.

Plenum Construction

Before treatment turn off any air circulation equipment that moves air from the area to be treated to any untreated interior space of the structure. Do not turn the air circulation system back on until the application of Taurus SC is completed and has been absorbed into the soil.

Treat the soil exterior to the foundation walls according to the instructions in the "Accessible Crawl Space Construction" section of this label.

Follow the instructions below for interior treatment of plenum structures that use a sealed under floor space to circulate heated or cooled air throughout the structure:

- 1) Remove sealing fabric and anything on the sealing fabric to expose no more than an 18 inch width adjacent to all foundation structures, including foundation walls, interior piers, pipes and any other structures in contact with soil. Treat according to the instructions for exterior and interior treatment in the "Accessible Crawl Space Construction" section of this label.
- 2) After the finished dilution of Taurus SC has been absorbed into the soil, return the sealing fabric and anything removed from the surface of the sealing fabric to their original pre-treatment positions.

Foam Application

When construction practices, soil subsidence, or other factors make it difficult to establish a continuous treated zone with conventional liquid application methods, supplement treat with the use of foam-generating equipment. Foam applications are useful in the treatment of filled stoops and porches, chimney bases, into block voids, behind masonry or other veneers, and into stud walls. Utilize applications of dry foam only (a range of 15:1 to 50:1 expansion ratio) when treating voids in stud walls. Apply foam to wall voids where evidence of termite presence or damage exist or are suspected. Foam only treatments under slabs are appropriate when maximum horizontal coverage is desired in areas with no deep foundation or footing (for example: around plumbing entries and near settlement cracks in concrete slabs). Use both conventional liquid application and foam treatment in areas where both lateral spread and deeper vertical penetration of Taurus SC are desired. Effective treatment is highly dependent on volume and amount of active ingredient. Apply at least 75% of the finished dilution of Taurus SC as a liquid treatment, then deliver the remaining 25% or less to the appropriate areas as a

foam application. The total amount of product applied as a combined foam and liquid treatment should be equivalent to volume of Taurus SC liquid finished dilution required for a liquid application alone. Foam applications provide a good supplement to liquid applications in difficult to treat areas.

Foam mixing instructions:

Prepare the desired finished dilution of Taurus SC, then mix with the manufacturer's recommended quantity of foaming agent in foaming equipment. Apply a sufficient volume of Taurus SC foam to establish a continuous treated zone at the rates recommended in this label for specific applications. When sufficient foam volume cannot be applied to achieve the recommended rate of Taurus SC, supplement the treatment with additional liquid finished dilution to assure appropriate treatment volume and concentration in the treated area.

- 1 gallon of finished dilution at a foam expansion ratio of 25:1 makes 25 gallons of foam.
- 1.66 gallons of finished dilution at a foam expansion ratio of 15:1 makes 25 gallons of foam.
- 2.5 gallons of finished dilution at a foam expansion ratio of 10:1 makes 25 gallons of foam.
- 5 gallons of finished dilution at a foam expansion ratio of 5:1 makes 25 gallons of foam.

POST-CONSTRUCTION EXTERIOR PERIMETER / LOCALIZED INTERIOR (EP / LI) STRUCTURAL TERMITE TREATMENT – Not approved for use in Louisiana

General Information

This post-construction application of Taurus SC can be made after the final grade is installed to protect the structure from termite infestation and/or to control existing termite populations. This treatment method is designed to be non-invasive to the interior of the structure with the establishment of a continuous treated zone along the exterior of the foundation and only treating interior spaces where termite activity has been found. If you have questions regarding this treatment, consult the appropriate state agency.

Termite activity is defined as the presence of one or more of the following signs of infestation:

- 1) Alates (winged termites) have swarmed inside the structure.
- 2) Live termites are found to be active within the structure.
- 3) There is clear evidence of termite activity on or inside the structure such as the presence of mud tubes, galleries in wood.

Do not apply Taurus SC finished dilution as perimeter / localized interior treatment at a concentration lower than 0.06% or at an application volume lower than those specified in the "Application Rates for Termiticide Use" section of this label.

EXTERIOR PERIMETER TREATMENT

To prevent termite infestation of a structure, exterior perimeter applications of Taurus SC must be made in a manner which will create a continuous treated zone. If situations are encountered where the soil will not accept the full application volume recommended in the use directions below, read and follow the direction in the "Application Rates for Termiticide Use" section of this label.

Concrete Slab on Ground (Including Monolithic, Floating and Supported Concrete Slabs)

Apply along the exterior foundation perimeter by trenching and rodding into the trench or by trenching at the rate of 4 gallons of finished dilution per 10 linear feet per foot of depth. Trenches need not be wider than 6 inches and must be a minimum of 6 inches deep or to the bottom of the footing. Space the rod holes no more than 12 inches apart in a manner which will create a continuous treated zone. Mix the finished dilution into the soil before replacing it into the trench.

In areas where physical obstructions exist that prevent trenching, such as concrete walkways adjacent to the foundation, apply by rodding alone. Where soil type and/or conditions make trenching impossible, apply by rodding. In order to establish a complete exterior perimeter treatment zone, drilling and sub-slab treatment will be necessary wherever adjoining concrete structures exist such as patios, porches or sidewalks. For driveways, exterior drilling is necessary only around building supports or wall elements permanently located at driveway joints. Never treat a structure below the footing.

Basement and Inaccessible Crawl Space Construction

Apply along the exterior foundation perimeter by trenching and rodding into the trench or by trenching along the foundation walls at the rate of 4 gallons of finished dilution of Taurus SC per 10 linear feet per foot of depth, or, if the footing is more than 4 feet below grade treat to a minimum depth of 4 feet. Trenches need not be wider than 6 inches and must be a minimum of 6 inches deep or to the bottom of

the footing. When trenching in sloping or tiered soil, the trench must be stepped to ensure adequate distribution and to prevent Taurus SC from running out of the trench. Space the rod holes no more than 12 inches apart in a manner which will create a continuous treated zone. Mix the finished dilution into the soil before replacing it into the trench. Never treat a structure below the footing.

In areas where physical obstructions exist that prevent trenching, such as concrete walkways adjacent to the foundation, apply by rodding alone. Where soil type and/or conditions make trenching impossible, apply by rodding. In order to establish a complete exterior perimeter treatment zone, drilling and sub-slab treatment will be necessary wherever adjoining concrete structures exist such as patios, porches or sidewalks. For driveways, exterior drilling is necessary only around building supports or wall elements permanently located at driveway joints. Never treat a structure below the footing.

If termite activity is detected inside an inaccessible crawl space, the area must be treated. Make a localized interior treatment at the site of termite activity and extending at least 2 feet in both directions from the activity. Choose the appropriate application technique for treating inaccessible crawl space construction by referring to the "POST-CONSTRUCTION CONVENTIONAL STRUCTURAL TERMITE TREATMENT" section of this label.

Accessible Crawl Spaces

Before treatment turn off any air circulation equipment that moves air from the area to be treated to any untreated interior space of the structure. Do not turn the air circulation system back on until the application of Taurus SC is completed and has been absorbed into the soil.

Before treatment turn off any air circulation equipment that moves air from the area to be treated to any untreated interior space of the structure. Do not turn the air circulation system back on until the application of Taurus SC is completed and has been absorbed into the soil.

Treat crawl spaces by applying a vertical Taurus SC termiticide treatment at the rate of 4 gallons of finished dilution per 10 linear feet per foot of depth from grade to the top of the footing, or, if the footing is more than 4 feet below grade treat to a minimum depth of 4 feet. Apply by trenching, or by trenching and rodding into the trench. Treat outside of foundation and around all piers and pipes. In areas where physical obstructions exist that prevent trenching, such as concrete walkways adjacent to the foundation, apply by rodding alone. Where soil type and/or conditions make trenching impossible, apply by rodding. When the top of the footing is exposed, treat the soil adjacent to the footing to a depth not to exceed the bottom of the footing. In order to establish a complete exterior perimeter treatment zone, drilling and sub-slab treatment will be necessary wherever adjoining concrete structures exist such as patios, porches or sidewalks. If situations are encountered where the soil will not accept the full application volume recommended in the use directions below, read and follow the direction in the "Application Rates for Termiticide Use" section of this label.

- Rod holes and trenches must not extend beneath the bottom of the footing.
- Space the rod holes no more than 12 inches apart in a manner which will create a continuous treated zone.
- Trenches need not be wider than 6 inches and must be a minimum of 6 inches deep or to the bottom of the footing. When trenching in sloping or tiered soil, the trench must be stepped to ensure adequate distribution and to prevent Taurus SC from running out of the trench. Mix the finished dilution into the soil before replacing it into the trench.

Garages: Attached garage floors should be treated

Sub-slab injection: Sub-slab injection treatments can be made from inside the garage, or in cases where this is not possible, from the outside of the structure by drilling through the foundation as directed below. Before treatment, locate and identify all heating or air conditioning vents and ducts, water and sewer plumbing lines, electrical lines and conduits, and avoid contamination or damage to these structural elements.

Vertical drilling / injection: Make treatments under the slab by drilling vertically through the slab along the interior perimeter of the garage foundation. Drill holes along all concrete expansion joints, cracks, plumbing and utility services penetrating the slab. Drill holes along interior partition walls when there is clear evidence of termite activity or damage. Space all drill-holes no more than 12 inches apart in a manner which will create a continuous treated zone. Inject the finished dilution of Taurus SC into the drill-holes at a rate of 4 gallons per 10 linear feet per foot of depth. When making applications, use a lateral dispersal nozzle to achieve the best results. After treatment, all holes in commonly occupied areas must be plugged with a non-cellulose material or covered with an impervious, non-cellulose material such as Portland cement.

Horizontal drilling / rodding / sub-slab injection from the exterior of the garage foundation: Use this technique to treat underneath the slab only when interior design do not allow for treatment by vertical drilling. Care must be taken not to rod into heating or air conditioning vents and ducts, water and sewer plumbing lines, electrical lines and conduits. Use horizontal short rodding practices to create a continuous treated zone along the inside perimeter of the foundation. Angle drill-holes through the outside of the foundation to ensure deposition of Taurus SC below any existing heating ducts, water and sewer lines, or electrical conduits. Use horizontal long rodding practices only when the areas to be treated underneath the slab are not accessible by vertical rodding or horizontal short rodding. Do not use long rods exceeding 20 feet. For all horizontal rodding applications space drill-holes no more than 12 inches apart in a manner which will create a continuous treated zone. Inject the finished dilution of Taurus SC into the drill-holes at a rate of 4 gallons per 10 linear feet per foot of depth. All holes must be plugged with a non-cellulose material or covered by an impervious, non-cellulose material such as Portland cement.

LOCALIZED INTERIOR TREATMENT

As part of a complete treatment, targeted interior applications may be made to vulnerable areas such as around plumbing or utility services penetrating floors, bath and / or shower traps, or along concrete expansion joints or settlement cracks.

If known termite activity exists in areas inside living spaces or in non-living spaces (such as crawl spaces, plenums etc.) of the structure, a localized interior treatment must be made at the immediate vicinity of the termite activity and radiating out at least 2 feet from the site in two or more directions.

Hollow Block Foundations / Voids

When termite activity is evident in or in the vicinity (within 2 feet) of hollow block foundations or voids in masonry resting on the footing, drill the wall adjacent to the evidence, if not openly accessible, and inject the finished dilution of Taurus SC into the void at a rate of 2 gallons per 10 linear feet of footing using a nozzle of 25 p.s.i. or less. This localized interior treatment to hollow block must be made at the site of the termite activity and to areas above the termite activity. Treatment must be applied radiating out at least 2 feet in two or more directions from the site of activity or along the wall pier or support post. Use of foam will maximize dispersion. When using this treatment, drill access hole below the sill plate as close as possible to the footing as is practical.

Applicators must examine the treated areas of voids in block or rubble foundation walls closely for possible runoff as a precaution against application leakage. Mechanical alteration to some areas may be required before a treatment can be made. Other areas may not be treatable.

All leaks resulting during the application of Taurus SC in locations other than those prescribed on this label must be cleaned up before leaving the application site. Do not allow people or pets to come in contact with contaminated areas or allow them to reoccupy the treatment site until the clean up is completed.

The drilled holes in commonly occupied areas must be plugged with a non-cellulose material or covered by an impervious, non-cellulose material such as Portland cement.

Bath Traps

If termite activity is evident within 2 feet of a bath trap, exposed soil or soil covered with tar or a similar sealant around plumbing and / or drainpipe entry areas must be treated. Tar or sealant may have to be removed to ensure adequate soil penetration. Install an access door or inspection portal if one is not already present. After all wood and cellulose debris is removed, treat the soil by rodding or drenching with a minimum of 1 gallon to a maximum of 4 gallons of finished dilution of Taurus SC per square foot.

Shower Drains

If termite activity is evident within 2 feet of a shower drain, soil beneath and adjacent to the drain must be treated. Drill through the slab adjacent to the shower drain and apply the finished dilution of Taurus SC by sub-slab injection to the soil below. Multiple access points may be drilled adjacent to the drain. Use of foam will maximize dispersion. Use of a directional dispersion tip will further enhance the treatment of the soil beneath the drain. Treat the soil with a minimum of 1 gallon but no more than 4 gallons of finished dilution per shower drain. Horizontal rodding can also be used to access and treat soil associated with a shower drain.

Retreatment Instructions

Annual retreatment of a structure is prohibited. Retreatment for subterranean termites can only be performed under the following circumstances:

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17
1. There is clear evidence of re-infestation.
 2. There is disruption of the treated zone due to construction, excavation, or landscaping and / or there is evidence of the breakdown of termiticide treated zone in the soil.

Treat these vulnerable or re-infested areas using a spot, partial or complete treatment in accordance with the application techniques described in this label. The timing and selection of retreatment type will vary depending on such factors as termite pressure, soil types and conditions, and other factors which may reduce the effectiveness of the treated zone.

POSTS, POLES, WOODEN LANDSCAPE ORNAMENTATION

Do not contaminate wells or cisterns.

For preventative treatment: Create a continuous treatment zone in the soil around wooden posts, poles, fence posts, signs and landscaping ornamentation. Apply the finished dilution of Taurus SC at the rate of 4 gallons per 10 linear feet per foot of depth. When performing the treatment at the time of installation, the finished dilution may be applied to the soil as it is replaced around the pole or post. The application should place termiticide to a depth of 6 inches below the bottom of posts, poles or other wooden objects in contact with soil.

For a curative treatment: Treat previously installed wooden posts, poles, fence posts, signs and landscaping ornamentation with the finished dilution of Terminal by sub-surface injection or by gravity flow through holes made at the bottom of a trench around posts and poles. When trenching, the trench need not be wider than 6 inches and should be 6 inches deep. When sub-surface injecting, treat all sides to create a continuous treatment zone. Apply termiticide to a depth of 6 inches below the bottom of the wood.

TERMITES ABOVE GROUND

For Control of Termite Aerial Colonies or Drywood Termites

To treat localized areas of wooden structures, apply the finished dilution of Taurus SC to wooden members / voids. To treat inaccessible areas, drill and inject the finished dilution into the damaged wood of void spaces with a crack and crevice injector. Foam application can also be made into void spaces. To treat termite carton nests in trees or building voids, inject the finished dilution of Taurus SC using a pointed injection tool. Multiple injection points to varying depths may be necessary. Physically remove carton nest material from building voids when such nests are found.

After treatment, the applicator is required to check for leaks resulting in the deposition of Taurus SC in locations other than those prescribed on this label. When found, this material must be cleaned up before leaving the application site. Do not allow people or pets to come in contact with contaminated areas or allow them to reoccupy the treatment site until the clean up is completed.

DO NOT TREAT FRUIT- OR NUT-BEARING TREES.

DIRECTIONS FOR USE TO CONTROL PERIMETER PESTS

USE RESTRICTIONS:

- Only applicators wearing the personal protective equipment required by this product label may be in the area during application.
- Do not treat within a distance of 1 foot out from the dripline of edible plants.
- Do not contaminate public or private water supplies.
- Do not apply to wasp or hornet nests if they are not attached to or within the structure.
- Do not make treatments during times of precipitation.
- Do not allow residents, children, other people or pet into the immediate area during application. Do not allow residents, children, other people or pet into the treatment area until sprays have dried. After treatment, the applicator is required to check for leaks resulting in the deposition of

treatment dilution in locations other than those prescribed in this label. When found, this material must be cleaned prior to leaving the application site. Do not allow people or pets to contact contaminated areas or to reoccupy contaminated areas of the structure until clean up is completed.

- Do not spray air conditioning units or intake vents.
- Do not use indoors except for application into wall voids.

PERIMETER PEST TREATMENT

Use Taurus SC to kill and to provide residual control of the following pests:

Ants (acrobat, Argentine, big-headed, carpenter, crazy, odorous, pavement, pharaoh, and thief)

Use Taurus SC to kill the following pests:

Asian lady beetles, darkling beetles

Australian, Oriental, and smoky brown cockroaches

Black widow, brown recluse, cellar, and hobo spiders

Box-elder bugs, pill bugs

Brown and dog ticks

Centipedes

Cluster flies

European earwigs

House crickets

Millipedes

Paper wasps*

Silverfish

Yellow jackets

* Taurus SC is not a knockdown agent.

Mixing Instructions

For perimeter pest treatments mix a 0.06% spray dilution of Taurus SC by filling the treatment tank 1/4 to 1/3 full with water, then add 0.8 fluid ounces of Taurus SC. The filling hose must be equipped with an anti-backflow device or the water flow must include an air gap to protect against back siphoning. Add more water to the tank while agitating to 1 gallon of finished dilution.

Apply 0.06% of finished Taurus SC dilution as a low-pressure spray to the exterior of the structure where listed pests enter, trail around the structure or where they crawl and hide. Also apply around any exterior openings where listed pests could enter the structure such as around doors, windows, vents, pipes, foundation cracks or drilled holes. Make sure to treat the joint where exterior siding (wood, vinyl, aluminum or other similar materials) meets the cement, brick or block foundation. Treat anywhere electrical, cable or telephone wires enter the house. This treatment should be made as a general surface spray, crack and crevice spray, or a wall void application. Taurus SC may be applied as a foam treatment into wall voids to kill and / or control the above listed pests.

Apply 2 quarts of 0.06% finished spray of Taurus SC per 160 linear feet.

Refer to the "Foam Application" section of this label for specific foam mixing and application instructions.

Except for foam applications made into wall voids, application is limited to an area 1 foot out from and 1 foot up from where the ground meets the foundation. Do not exceed a maximum of 2 applications per year.

Nests are found on the ground within 1 foot of the foundation may be treated.

Vegetation touching the structure may offer a route for the entry of ants into the structure without coming into contact with the treatment; therefore, remove or prune away any shrubbery, bushes, and tree branches touching the structure.

17
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STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Storage

Store unused product in original container only, out of reach of children and animals.

Pesticide Disposal

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal

Nonrefillable Container: Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying; then offer for recycling, if available, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

Triple rinse containers small enough to shake (capacity ≤ 5 gallons) as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank, or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or mix tank. Hold container upside down over application equipment or mix tank, or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

In case of minor spills or leaks, soak up with sand, earth or other suitable material and dispose of as pesticide waste.

WARRANTY STATEMENT

Control Solutions, Inc. warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Control Solutions, Inc. To the extent consistent with applicable law, Control Solutions, Inc. shall in no event be liable for consequential, special, or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. In addition to the foregoing, no purchaser of this product (other than an end user) shall be entitled to any reimbursement for any loss suffered as a result of any suspension or cancellation of the registration for this product by the U.S. Environmental Protection Agency. Except, as expressly provided herein and to the extent consistent with applicable law, Control Solutions, Inc. makes no warranties, guarantees, or representations of any kind, either expressed or implied, or by usage of trade, statutory or otherwise, with regard to the product sold, including, but not limited to merchantability, fitness for a particular purpose, use or eligibility of the product for any particular trade usage. The exclusive remedy of any buyer or user of this product for any and all losses, injuries, or damage resulting from or in any way arising from the use, handling, or application of this product, whether in contract, warranty, tort, negligence, strict liability, or otherwise, shall be damages not exceeding the purchase price paid for this product or, at Control Solutions, Inc. election, the replacement of this product.



SAFETY DATA SHEET

Taurus SC

Page 1 of 7
Revision Date: January 13, 2017

SECTION 1: IDENTIFICATION

Product Name: Taurus SC
EPA Registration No.: 53883-279
Recommended Use: Termiticide/Insecticide; See product label for a complete list of uses and use sites.
Restrictions on Use: See product label for any restrictions on the use of this product.
Chemical Family: Phenylpyrazole
Chemical Name of Active Ingredient(s): Fipronil: 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-(trifluoromethylsulfinyl)pyrazole-3-carbonitrile
Manufactured for: Control Solutions, Inc.
5903 Genoa-Red Bluff
Pasadena, TX 77507

FOR FIRE, SPILL, AND/OR LEAK EMERGENCIES CONTACT: CHEMTREC 1-800-424-9300

FOR MEDICAL EMERGENCIES AND HEALTH AND SAFETY INQUIRIES CONTACT: Safety Call 1-866-897-8050

SECTION 2: HAZARD(S) IDENTIFICATION

EMERGENCY OVERVIEW: White milky liquid with a mild sweet odor. Harmful if swallowed.

OSHA HCS CLASSIFICATION (29 CFR 1910.1200)

Acute Oral Toxicity	Category 4
Specific Target Organ Toxicity – Repeated Exposure	Category 2

Signal Word: WARNING



Hazard Statement(s): Harmful if swallowed.
May cause damage to organs through prolonged or repeated exposure.

Precautionary Statement(s):

Prevention: Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product.
Do not breathe mist/vapors/spray.

Response: **IF SWALLOWED:** Call a poison center/doctor if you feel unwell. Rinse mouth.
Get medical attention if you feel unwell.

Storage: No statement required. See section 7 for storage information.

Disposal: Dispose of contents/container in accordance with Federal, state and local laws and regulations.

The following percentage of the mixture consists of components with unknown hazards regarding the acute toxicity:

23 – 24.0% Acute inhalation toxicity

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Weight %
Fipronil	120068-37-3	9.1%
Propylene glycol	57-55-6	8.0 – 12.0%

*Ingredients not listed or listed with a weight % range are considered a trade secret and are withheld under 29 CFR 1910.1200(i).

SECTION 4: FIRST AID MEASURES

IF IN EYES:	Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes; then continue rinsing eye. Call a poison control center or doctor for treatment advice.
IF ON SKIN:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.
IF INHALED:	Move person to fresh air. If person is not breathing, call 911 or an ambulance; then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
IF INGESTED:	Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Note to Physician: There is no specific antidote. All treatment should be based on observed signs and symptoms of distress in the patient. Overexposure to materials other than this product may have occurred. In severe cases of overexposure by oral ingestion, lethargy, muscle tremors, and in extreme cases, possibly convulsions may occur.

Most important symptoms/effects, acute and delayed: None known

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Foam, dry chemical, carbon dioxide or water spray
Unsuitable Extinguishing Media:	Water jet
Hazardous Combustion Products:	Thermal decomposition may produce toxic oxides of carbon and nitrogen. Hydrogen chloride and hydrogen cyanide may also be released.
Special Protective Equipment & Precautions:	Evacuate area and fight fire upwind from a safe distance to avoid hazardous vapors and decomposition products. Foam and/or dry chemical are preferred to minimize environmental contamination. If water is used, dike and collect water to prevent run-off. Wear self-contained breathing apparatus and full fire-fighting turn-out gear (Bunker gear).
Unusual Fire & Explosion Hazards:	None known

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	See Section 8 for personal protection equipment.
Environmental Precautions:	Keep spilled material and any rinsate from contaminating soil or from entering sewage and drainage systems and bodies of water.
Methods for Containment:	Isolate the spill area. Keep unnecessary and unprotected personnel from entering. Absorb small spills with sand, vermiculite or other inert absorbent. Dike large spills using absorbent or impervious material such as clay or sand. Recover and contain as much free liquid as possible for reuse. Allow absorbed material to solidify and scrape up for disposal.
Methods for Clean-up:	Place contaminated material in appropriate container for disposal. After removal, flush contaminated area thoroughly with water. Pick up wash liquid with additional absorbent and place in a disposable container. Do not put spilled material back in the original container.
Other Information:	None known

SECTION 7: HANDLING AND STORAGE

Handling:	RECOMMENDATIONS ARE INTENDED FOR MANUFACTURING, PACKAGING AND COMMERCIAL BLENDING WORKERS. PESTICIDE APPLICATORS AND WORKERS must refer to the product label and Directions for Use attached to the product for Agricultural Use Requirements in accordance with the EPA Worker Protection Standard 40 CFR part 170. Handle and open container in a manner as to prevent spillage. Do not eat, drink or smoke while handling this product. Immediately wash off accidental splashes of the concentrate or spray mixture from skin, clothing and out of eyes.
Storage:	See pesticide label for full information on product storage. Do not contaminate water, food or feed by storage of this product. Store away from sources of heat, out of direct sunlight and away from incompatible materials. Pesticides should be stored in secured areas away from children and animals.
Storage Temperature (Min/Max):	Not determined
Product Incompatibilities:	Strong oxidizers

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Users of a pesticide product must refer to the product label for personal protective equipment requirements.

Exposure Guidelines:

COMPONENT	OSHA PEL	ACGIH TLV	NIOSH REL
No components listed			

Engineering Controls:	Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs or other specified exposure limits. Local exhaust ventilation is preferred.
Respiratory Protection:	In areas of poor ventilation, use a NIOSH approved respirator with cartridges/canisters approved for pesticides.
Eye Protection:	Chemical goggles or safety glasses and full-face shield.

Protective Gloves:	Chemical-resistant gloves such as barrier laminate, butyl rubber, nitrile, neoprene rubber, polyvinyl chloride (PVC) or Viton.
Other Protective Clothing:	Long-sleeved shirt, long pants and chemical resistant footwear plus socks.
General Safety Measures:	Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing immediately after handling this product. Wash outside of gloves before removing. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White milky liquid	Upper/Lower Flammability Limits:	Not determined
Odor:	Mild, sweet	Vapor Pressure:	Not determined
Odor Threshold:	Not determined	Vapor Density:	Not determined
pH (1% dispersion):	5.5 – 6.5	Relative Density (@24°C):	1.058 (typical)
Melting /Freezing Point:	Not determined	Solubility:	Not determined
Boiling Point/Range:	Not determined	Partition Coefficient:	Not determined
Flash Point:	Not applicable	Auto-ignition Temperature:	Not determined
Evaporation Rate:	Not determined	Decomposition Temperature:	Not determined
Flammability:	Not applicable	Viscosity:	Not determined

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	No hazardous chemical reactions known.
Chemical Stability:	Stable under normal storage and handling conditions.
Possibility of Hazardous Reactions:	No potential for hazardous reactions known.
Conditions to Avoid:	Extreme temperatures
Incompatible Materials:	Strong oxidizing agents
Hazardous Decomposition Products:	Thermal decomposition may produce toxic oxides of carbon and nitrogen. Hydrogen chloride and hydrogen cyanide may also be released.

SECTION 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:	Eye contact, Skin contact, Inhalation, Ingestion
Symptoms of Exposure:	None known
Oral LD₅₀:	1,999 mg/kg (rat)(Based upon similar product)
Dermal LD₅₀:	>2,000 mg/kg (rat)(Based upon similar product)
Inhalation LC₅₀ (4-hour):	>1.7 mg/L (rat)(Based upon similar product-Highest concentration available for testing and no mortality was observed.) 33.0 mg/L (Estimated based upon component data)
Eye Irritation/Damage:	Slightly irritating (Based upon similar product)
Skin Corrosion/Irritation:	Slightly irritating (Based upon similar product)
Skin Sensitization:	Non-sensitizer (Based upon similar product)

Chronic/Subchronic Toxicity:	<u>Fipronil Technical:</u> Causes mortality and signs of neurotoxicity through prolonged or repeated exposure.
Mutagenicity:	No data available
Reproductive Toxicity:	No data available
Neurotoxicity:	No data available
Target Organs:	No data available
Aspiration Hazard:	Not anticipated to be an aspiration hazard.
Carcinogenicity:	<u>Fipronil Technical:</u> The EPA has classified fipronil as a Group C – Possible Human Carcinogen based upon laboratory animal studies (increased thyroid tumors in male and female rats). Humans and rats have the same mechanism of action which produced fipronil-induced thyroid tumors in the rat; however, the rat appears to be more highly sensitive than humans. Therefore, the fipronil-induced rat thyroid tumors are not considered suggestive of a human health risk.

Chemical Name	ACGIH	IARC	NTP	OSHA
No components listed				

SECTION 12: ECOLOGICAL INFORMATION

Environmental Hazards Statement from FIFRA Regulated Pesticide Label:

This pesticide is toxic to birds, fish, and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Care must be taken to avoid runoff. Do not contaminate water by cleaning equipment or disposal of wastes. Do not contaminate water when disposing of equipment washwaters.

<u>ECOTOXICITY DATA:</u>	Data presented below is on the fipronil technical product.
Fish Toxicity:	Zebra fish: 96-hour LC_{50} = 0.071 mg/L
Aquatic Invertebrate Toxicity:	<i>Daphnia magna</i> : 96-hour EC_{50} <0.1 mg/L
Aquatic Plant Toxicity:	<i>P. subcapitata</i> : EC_{50} = 3.0 mg/L
Avian Toxicity:	Japanese quail: LD_{50} = 148.5 mg/kg
Honeybee Toxicity:	Oral LD_{50} = 0.003 µg/bee

ENVIRONMENTAL EFFECTS:

Persistence and Degradability:	No data available
Bioaccumulation:	No data available
Mobility:	No data available
Other Adverse Effects:	No data available

SECTION 13: DISPOSAL CONSIDERATIONS

- Waste Disposal:** Refer to the pesticide label for full information on disposal. Pesticide wastes are toxic. Improper disposal of unused pesticide, spray mixture, or rinse water is a violation of Federal law. If these wastes cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance in proper disposal methods.
- Container Disposal:** Refer to the pesticide label for full information on disposal. When possible, triple rinse the container and offer for recycling if available.
- RCRA Characteristics:** It is the responsibility of the individual disposing of this product to determine the RCRA classification and hazard status of the waste.

SECTION 14: TRANSPORTATION INFORMATION

- DOT (Ground):** Not regulated
- IMDG (Sea):** UN3082, Environmentally hazardous substance, liquid, n.o.s. (Fipronil), 9, PGIII
- IATA (Air):** UN3082, Environmentally hazardous substance, liquid, n.o.s. (Fipronil), 9, PGIII

SECTION 15: REGULATORY INFORMATION

Labeling Requirements Under FIFRA: This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

CAUTION

Harmful if swallowed, absorbed through skin or inhaled. Do not get in eyes, on skin or on clothing. Do not breathe spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

TSCA Inventory: This product is exempt from TSCA inventory listing requirements as it is solely for FIFRA regulated use.

SARA Title III Information:

- Section 302 – Extremely hazardous substances:** None
- Section 311/312 – Hazard Categories:** Acute (Immediate); Chronic (Delayed)
- Section 313 –** This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS Number	Weight %
None listed		

CERCLA – This product contains the following chemicals which have a reportable quantity (RQ) under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA):

Chemical Name	CAS Number	RQ	Quantity of Finished Product
None listed			

CALIFORNIA PROPOSITION 65:

Chemical Name	CAS Number	Prop 65 Category(ies)
None listed		

U.S. STATE RIGHT-TO-KNOW REGULATIONS:

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Propylene glycol	X		X

SECTION 16: OTHER INFORMATION

NFPA	Health Hazards 2	Flammability 1	Instability 0	Special Hazards – None
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Disclaimer: Control Solutions, Inc. believes the information presented herein is accurate and correct as of the document date. The presented information is based upon available data from reliable sources. Control Solutions, Inc. makes no warranty, express or implied, regarding the accuracy of the data or the results obtained from the use of this product. Nothing herein may be construed as recommending any practice or any product in violation of any law or regulations. The user is solely responsible for determining the suitability of any material or product for a specific purpose and for adopting any appropriate safety precautions. We disclaim all liability for injury or damage stemming from any improper use of the material or product described herein.

Revision Date: January 13, 2017

Document Superseded: February 19, 2016

Revision Note: Section 2 and Section 11 (acute inhalation toxicity information)

Termite Control Product list

Navigator Sc

Taurus

Tim-bor professional

Premise Pre- Construction

Advance Bait Stations

Trelona Compressed Termite Bait

Dominion 2I

Bora-care

Fuse Foam Ready to use



Tim-bor® Industrial

Wood protection



Disodium Octaborate Tetrahydrate

CAS Number 12008-41-2

Attributes and uses

Tim-bor® Industrial high performance borate wood preservative has been specially designed to give a product with the highest concentration of boron at the maximum possible solubility and rate of dissolution in water.

Wood treated with *Tim-bor* Industrial can be used for a variety of purposes. Typical applications include trussed rafters, studding, cladding, and exterior joinery. Wood treated with *Tim-bor* Industrial is not suitable for ground contact applications and should be protected with a water repellent coating when used in exterior applications (eg joinery, fascia).

Tim-bor Industrial combines a broad spectrum of efficacy and low acute mammalian toxicity. *Tim-bor* Industrial has proven efficacy against wood decay fungi, wood boring beetles and termites. *Tim-bor* Industrial does not contain any organic or heavy metal components and, as it is applied as an aqueous solution, does not use organic solvents.

Tim-bor Industrial has been used in the United States, Southeast Asia, Australia, and New Zealand for many years and has a well known and proven performance. This has been demonstrated by independent laboratory and field studies carried out by universities and government testing facilities around the world.

Tim-bor Industrial is flexible with regard to application methodology. *Tim-bor* Industrial can be applied as a pre-treatment by vacuum-pressure processes to dry or green timber, and by dip diffusion to green timber. The ability to treat green timber successfully and the subsequent diffusion of borates in wood enables penetration of species known to be difficult to treat, such as Douglas fir, spruce, and many hardwoods.

The use of *Tim-bor* Industrial varies according to working requirements and country/market specific product labels. Prior to treatment with *Tim-bor* Industrial, U.S. Borax literature or appropriate national standards must be consulted. Wood treated with *Tim-bor* Industrial retains its natural appearance and its strength. Treating wood with *Tim-bor* Industrial has little or no effect on ferrous metals, plastics, rubber, putties, bituminous solutions, other sealants, or on primer paints.

Tim-bor® Industrial

Solubility in water	
Temperature °C	<i>Tim-bor</i> Industrial % by weight in saturated solution
0	2.5
10	4.5
20	9.7
30	21.9
40	27.4
50	34.3
60	40.7

Solubilities at the temperatures to the left are under equilibrium conditions. *Tim-bor* Industrial readily dissolves in cool water to give supersaturated solutions with higher concentrations than indicated in the table. Precipitation of sodium pentaborate may occur if a super saturated solution is cooled further.

pH	
<i>Tim-bor</i> Industrial % by weight in saturated solution	pH @ 23°C (73°F)
1	8.5
2	8.4
5	8.0
10	7.6
15	7.3

Aqueous solutions of *Tim-bor* Industrial range from mildly alkaline at low concentrations to approximately neutral at higher concentrations.



Warnings

Avoid prolonged inhalation or prolonged skin contact. Not for food or drug use. Read all instructions relating to the products before use.

Notice: Before using these products, please read the Product Specifications, the Safety Data Sheets and any other applicable product literature. The descriptions of potential uses for these products are provided only by way of example. The products are not intended or recommended for any unlawful or prohibited use including, without limitation, any use that would constitute infringement of any applicable patents. Nor is it intended or recommended that the products be used for any described purposes without verification by the user of the products' safety and efficacy for such purposes, as well as ensuring compliance with all applicable laws, regulations and registration requirements. Suggestions for use of these products are based on data believed to be reliable. The seller shall have no liability resulting from misuse of the products and provides no guarantee, whether expressed or implied, as to the results obtained if the products are not used in accordance with directions or safe practices. The buyer assumes all responsibility, including any injury or damage, resulting from misuse of the product, whether used alone or in combination with other materials. THE SELLER MAKES NO EXPRESS OR IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THE SELLER SHALL HAVE NO LIABILITY FOR CONSEQUENTIAL DAMAGES.

HELP PREVENT

DRYWOOD TERMITE DAMAGE

WITH A PREVENTATIVE TIM-BOR® TREATMENT.

Pest companies have used Tim-bor Professional for more than 20 years to kill and prevent drywood termites. You can dust it into galleries or spray it onto wood to kill existing infestations and help prevent the need for future fumigation.

The active ingredient in Tim-bor is DOT — Disodium Octaborate Tetrahydrate — a non-corrosive borate mineral salt that is deadly to drywood termites and other listed pests that will not break down over time. When sprayed on wood, it penetrates and provides years of residual protection.



Remember, always read, understand and comply with the label. Tim-bor is a registered trademark of U.S. Borax, Inc. and is used under license. Nisus Corporation is a registered trademark of Nisus Corporation. ©2016 Nisus Corporation #TP-FLY-0117

APPLICATION:

Dust: Apply into termite galleries, wall voids, box sills and attics. **Liquid:** Apply 2 coats of a 10% solution or one coat of a 15% solution for remedial and preventative control of wood destroying organisms.

TARGET PESTS:



DRYWOOD TERMITES



WOOD DECAY FUNGI



CREATING A WORLD
OF SUSTAINABILITY.



100 NISUS DRIVE • ROCKFORD, TN 37853
800.264.0870 • WWW.NISUSCORP.COM

**TIM-BOR®
PROFESSIONAL**

ACTIVE INGREDIENT: 98% DOT

Tim-bor® Professional

INSECTICIDE AND FUNGICIDE

A preservative for protection and treatment of wood against fungal decay and wood destroying insects including termites.

For the prevention and remedial control of wood infesting organisms including: Termites, Drywood Termites, Wood Destroying Beetles Decay Fungi and Carpenter Ants**

****Also for Wood Foam Composite Structural Components**

Active Ingredient:

Disodium Octaborate Tetrahydrate (CAS No. 12280-03-4)..... 98%
Other Ingredient+ 2%
Total..... 100%

+Contains 2% H₂O – Absorbed Moisture

EPA Reg. No. 64405-8 EPA Est. 64405-TN-1

Keep Out of Reach of Children
CAUTION

FIRST AID

If Swallowed	<ul style="list-style-type: none">• Immediately call a poison control center or doctor for treatment advice.• Have person sip a glass of water if able to swallow.• Do not induce vomiting unless told to do so by the poison control center or doctor.• Do not give anything by mouth to an unconscious person.
If Inhaled	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.• Call a poison control center or doctor for further treatment advice.
If In Eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes.• Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for further treatment advice.
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.	

PRECAUTIONARY STATEMENTS

Hazards To Humans & Domestic Animals

CAUTION: Harmful if swallowed or inhaled. Causes moderate eye irritation. Avoid contact with eyes or clothing. Avoid breathing dust. Thoroughly wash with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are barrier laminate; butyl, nitrile, neoprene and natural rubbers ≥ 14 mils; polyethylene; polyvinyl chloride; and viton ≥ 14 mils. If you want more options, follow the instructions for category C on an EPA chemical-resistance category selection chart.

Applicators, mixers and other handlers must wear long-sleeved shirt, long pants, socks, shoes, chemical-resistant gloves and protective eyewear. When applying this product in confined spaces, provide ventilation or an exhaust system; or use a NIOSH-approved dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C) with a prefilter approved for pesticides (MSHA/NIOSH approval prefix TC-23C); or use a canister approved for pesticides (MSHA/NIOSH approval prefix TC-14G) or a NIOSH-approved respirator with any N,R, P or HE prefilter.

User Safety Requirements

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet;
- Remove clothing immediately if pesticide gets inside, then wash thoroughly and put on clean clothing;

User Safety Recommendations (cont.)

- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards

This pesticide is toxic to fish and wildlife. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

NOTICE

Read and understand the entire label before using.

Use only according to label directions.

Before buying or using this product, read the **Warranty Disclaimer** and **Limitation of Remedies** statements found elsewhere on this label. If terms are unacceptable, return unopened package to seller for full refund of purchase price. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under **Warranty Disclaimer** and **Limitation of Remedies**.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

General Information

TIM-BOR Professional is a water soluble, inorganic borate salt with insecticidal and fungicidal properties effective against wood-destroying organisms including the target pests listed below. Apply **TIM-BOR Professional** as a liquid solution, powder or foam. **TIM-BOR Professional** is an effective treatment for wood (and wood-foam composite structural components) to kill and prevent infestations of decay fungi including white rot, brown rot (i.e., *Poria*) and wet rots. This product may be used for preventative treatment (before signs of infestation), for wood in existing structures and for remedial treatment of infested wood in existing structures. **TIM-BOR Professional** is also effective for the prevention and control of wood destroying insects such as, but not limited to, the following organisms: **Subterranean Termites** (*Reticulitermes*, *Heterotermes*, *Coptotermes* (Formosan)), **Drywood Termites** (*Kaloterms*, *Incisitermes*), **Dampwood Termites** (*Zootermopsis*), **Powderpost Beetles** (*Lyctidae*), **"False" Powderpost Beetles** (*Bostrichidae*), **Deathwatch** and **Furniture Beetles** (*Anobiidae*), **Old House Borers**, **Longhorn Beetles** (*Cerambycidae*), **Carpenter Ants** (*Camponotus*), **Bark and Timber Beetles** (*Scolytidae*).

TIM-BOR Professional is recommended for wood and cellulose material in accordance with the specific treatment methods described herein. **TIM-BOR Professional** is effective for all interior and exterior wood (and wood-foam composite structural components) that will be protected from excessive rain and not in direct contact with the soil. Types of wood include, but are not limited to, all types of lumber, logs and plywood. This product kills wood-destroying organisms. Some etching of treated wood may occur from organisms before they die. Do not apply **TIM-BOR Professional** to wood or cellulose material that has been painted, varnished or sealed. For best results, apply **TIM-BOR Professional** to bare wood. Use soap and water to clean application equipment.

Note: Spraying water on some wood species can mobilize natural wood extractives, raise the grain and leave behind calcium or other deposits. Prior to treating large areas, treat a small area with **TIM-BOR Professional** solution to ensure that you are satisfied with the final aesthetics.

Preparation of Treatment Solutions

10% TIM-BOR Professional Liquid Solution: To prepare solution, add approximately 80% of the required volume of water to the mixing vessel. While stirring, gradually add 1.0 pound of **TIM-BOR Professional** for each gallon of treating solution required. Add remaining water to the solution and stir until the entire product has dissolved.

15% TIM-BOR Professional Liquid Solution: Prepare solution as above, but gradually add 1.5 pounds of **TIM-BOR Professional** for each gallon of treatment solution needed. Use this solution as soon as possible and do not store for an extended length of time.

15% TIM-BOR Professional Foam: Prepare a 15% liquid solution as described above and also add a surfactant-foaming agent. Generally 1-2 ounces of a foaming agent, added to the 15% liquid solution, produces a dry foam with the desired expansion ratio of approximately 20 to 1 (20 gallons of foam per 1 gallon of liquid solution). The **TIM-BOR Professional** foam should be of a "dry" consistency that adheres to wood surfaces so that run-off is minimized. A "wet" foam may damage wallboard or other building components. Refer to the individual foam equipment manufacturer's manual and the surfactant's label for specific instructions.

Wash and rinse all equipment after each use.

General Application Instructions

TIM-BOR Professional as a liquid solution: **TIM-BOR Professional** liquid applications may be made to wood structures including decks, fences, steps, sheds, barns and other outbuildings. Such structures must be protected from excess rain. On wood with drier than normal moisture content, apply by brush or spray two applications of a 10% solution to wood surfaces. On wood with normal moisture content, apply by brush or spray one application of a 15% solution to wood surfaces. Application may also be made by drilling and then injecting the solution under pressure into sound wood or into the insect galleries of infested wood. **TIM-BOR Professional** may be applied as a foam to wood surfaces or injected into wall voids or insect galleries.

Remedial and Preventative Treatment

TIM-BOR Professional Solutions for the Control of Wood Destroying Organisms and to Kill Active Infestations of Termites, Powderpost Beetles and Wood Decay Fungi: For remedial control of wood attacking organisms or for the protection of wood against future infestations, two applications of a 10% liquid solution are required. One application of a 15% liquid solution may be used. Apply **TIM-BOR Professional** solutions by brush or spray at the rate of 5 gallons of liquid solution per 1000 square feet of wood surface area. Thoroughly wet wood surface area. Application may also be made by drilling and then injecting the liquid solution under pressure into sound wood or until run-off is observed coming from entry/exit holes of infested wood.

TIM-BOR Professional Powder to Kill and Control Wood Destroying Organisms, Such as Termites and Carpenter Ants: Apply **TIM-BOR Professional** as is to wood members by drilling and injecting the powder into galleries or by dusting generously on wood surfaces. **TIM-BOR Professional** powder can also be injected or dusted into wall voids such as between studs, block voids, box sills, eaves, attics, soffits, etc. Apply **TIM-BOR Professional** powder to these areas at the rate of 0.5 ounce (12-14 grams) per square foot.

TIM-BOR Professional Foam: In wall voids, inject enough dry foam to contact wood surfaces of studs in the wall or the entire desired target area. Apply foam, where possible, to abutting wood surfaces and between wood joints. Apply the foam so that all accessible wood surfaces are covered with foam. **TIM-BOR Professional** foam can also be injected into insect galleries until run-off is observed.

Storage and Disposal

(1.5 lb bag • 250 lb. drum • 1500 lb. super sack)

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Store in a dry place. Do not store where children or animals may gain access. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Container Disposal:** Non-refillable container; do not reuse or refill this container. Triple rinse (or equivalent) container then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration.

Storage and Disposal

(25 lb. bucket)

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Store in a dry place. Do not store where children or animals may gain access. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Container Disposal:** Refillable Container; refill this container with only Disodium Octaborate Tetrahydrate. Do not reuse this container for any other purpose. Cleaning the container before refilling is the responsibility of the refiller. Cleaning the container before final disposal is the responsibility of the person disposing of the container. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with a pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times, then offer container for recycling, if available; or reconditioning, if appropriate; or dispose of container in a sanitary landfill.

Warranty Disclaimer

Manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. **MANUFACTURER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.**

Inherent Risks of Use

The directions for use of this product are believed to be adequate and must be carefully followed. It is impossible to eliminate all risks associated with use of this product. Lack of performance or other unintended consequences may result because of such factors as use of the product contrary to label instructions, abnormal conditions, the presence of other materials, climatic conditions or the manner of application, all of which are beyond the control of the Manufacturer. The buyer/user assumes all such risks.

Limitation of Remedies

To the extent not prohibited by applicable law, the exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability or other legal theories) shall be limited to, at Manufacturer's election, one of the following:

1. Refund of purchase price paid by buyer or user for product bought, or
2. Replacement of amount of product used.

To the extent not prohibited by applicable law: a) Manufacturer shall not be liable for losses or damages resulting from handling or use of this product unless Manufacturer is promptly notified of such loss or damage in writing; and b) **IN NO CASE SHALL MANUFACTURER BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES OR LOSSES, INCLUDING WITHOUT LIMIT, HEALTH RELATED DAMAGES OR INJURIES.** The terms of this **Warranty Disclaimer** and **Limitation of Remedies** cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Manufacturer or the seller is authorized to vary or exceed the terms of this **Warranty Disclaimer** or **Limitation of Remedies** in any manner.



SAFETY DATA SHEET



Health Emergencies: INFOTRAC® (800) 535-5053

1. PRODUCT AND COMPANY INFORMATION

Product Identity: Tim-Bor Professional®

Recommended use of the chemical and restrictions on use:

Termiticide, Insecticide, and Fungicide Concentrate Powder. Read and understand the entire label before using. Use only according to label directions. It is a violation of Federal law to use this product in a manner inconsistent to label directions.

Manufacturer: Nisus Corporation
100 Nisus Drive
Rockford, TN 37853

Telephone: Phone: (800) 264-0870
Fax: (865) 577-5825

Emergency Phone: 800-535-5053 (INFOTRAC)

SDS Date of Preparation: 01/12/16

2. HAZARDS IDENTIFICATION

GHS Classification:

Health

Reproductive Toxicity Category 2

GHS Label Elements:



Signal Word: Warning!

Statements of Hazard

H303: May be harmful if swallowed.

H361: Suspected of damaging fertility or the unborn child.

Precautionary Statements

P202: Do not handle until all safety precautions have been read and understood.

P308+P313: If exposed or concerned: Get medical advice/attention.

P501: Dispose of contents/container in accordance with local regulation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Amount
Disodium Octaborate Tetrahydrate	12280-03-4	>98%

4. FIRST AID MEASURES

Description of necessary first aid measures:

Protection of first-aiders: No special protective clothing is required.

Inhalation: If symptoms such as nose or throat irritation are observed, remove to fresh air.

Eye contact: Use eye wash fountain or fresh water to cleanse eye. If irritation persists for more than 30 minutes, seek medical attention.

Skin contact: No treatment necessary.

Ingestion: Swallowing small quantities (one teaspoon) will cause no harm to healthy adults. If larger amounts are swallowed, give two glasses of water to drink and seek medical attention.

Most important symptoms and effects both acute and delayed:

Symptoms of accidental over-exposure to high doses of inorganic borate salts have been associated with ingestion or absorption through large areas of severely damaged skin. These may include nausea, vomiting, and diarrhoea, with delayed effects of skin redness and peeling (see Section 11).

Indication of any immediate medical attention and special treatment needed: Note to physicians: Supportive care only is required for adult ingestion of less than a few grams of the product. For

ingestion of larger amounts, maintain fluid and electrolyte balance and maintain adequate kidney function. Gastric lavage is only recommended for heavily exposed, symptomatic patients in whom emesis has not emptied the stomach. Hemodialysis should be reserved for patients with massive acute absorption, especially for patients with compromised renal function. Boron analyses of urine or blood are only useful for verifying exposure and are not useful for evaluating severity of poisoning or as a guide in treatment.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Use extinguishing media that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media: None

Special hazards arising from the chemical

None. The product is not flammable, combustible or explosive.

Special protective equipment and precautions for fire fighters: Not applicable. The product is itself a flame retardant.

6. ACCIDENTAL RELEASE MEASURES

Precaution, protective equipment and emergency procedures

For non-emergency personnel:

Eye goggles and gloves are not required for normal industrial exposures, but eye protection according to ANSI Z.87.1 or other national standard. Respirators should be considered if environment is excessively dusty.

For emergency responders:

Eye goggles and gloves are not required for normal industrial exposures, but eye protection according to ANSI Z.87.1 or other national standard. Respirators should be considered if environment is excessively dusty.

Environmental precautions: The product is a water-soluble white powder that may cause damage to trees or vegetation by root absorption. Avoid contamination of water bodies during clean up and disposal. Advise local water authority that none of the affected water should be used for irrigation or for the abstraction of potable water until natural dilution returns the boron value to its normal environmental background level or meets local water quality standards.

Methods and material for containment and cleaning up:

Appropriate containment: Avoid spillage into water and cover drains.

Land spill: Vacuum, shovel or sweep up and place in containers for disposal in accordance with applicable local regulations.

Spillage into water: Where possible, remove any intact containers from the water.

Reference to other sections

Refer to sections 8, 12 and 13.

7. HANDLING AND STORAGE

Precautions for safe handling

Good housekeeping procedures should be followed to minimize dust generation and accumulation. Avoid spills.

Do not eat, drink and smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

Nonrefillable container. Do not reuse containers. Product residues in empty containers can be hazardous. Follow all SDS precautions when handling empty containers.

Conditions for safe storage, including any incompatibilities

No special handling precautions are required, but dry, indoor storage is recommended. To maintain package integrity and to minimize caking of the product, bags should be handled on a first-in first-out basis.

Storage temperature: Ambient

Storage pressure: Atmospheric

Special sensitivity: Moisture (Caking)

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters:

Occupational exposure limit values: In the absence of a national OEL, Rio Tinto Borax recommends and applies internally an Occupational Exposure Limit (OEL) of 1 mg B/m³. To convert product into equivalent boron (B) content, multiply by 0.21.

Occupational Exposure Limits:

OSHA/PEL (total dust)	15 mg/m ³	Particulate Not Otherwise Classified or Nuisance Dust
OSHA/PEL (respirable dust)	5 mg/m ³	Particulate Not Otherwise Classified or Nuisance Dust
Cal OSHA/PEL	5 mg/m ³	Particulate Not Otherwise Classified or Nuisance Dust

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties:

Appearance: White, crystalline solid

Odor: Odorless

Odor threshold: Not applicable

pH @ 20°C: 8.3 (3.0% solution); 7.6 (10.0% solution)

Melting point/ Freezing point: 815°C

Initial boiling point and boiling range: Not applicable.

10. STABILITY AND REACTIVITY

Reactivity: None known.

Chemical Stability: Under normal ambient temperatures (-40°C to +40°C), the product is stable.

Possibility of Hazardous Reactions: Reaction with strong reducing agents such as metal hydrides or alkali metals will generate hydrogen gas which could create an explosive hazard.

Conditions to Avoid: Avoid contact with strong reducing agents by storing according to good industrial practice.

Incompatible Materials: Strong reducing agents.

Hazardous Decomposition Products: None

11. TOXICOLOGICAL INFORMATION

Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):

(a) Acute toxicity

Acute Oral Toxicity Study – OECD Guidelines 401

Low acute oral toxicity. LD₅₀ in male rats is 2,550 mg/kg.

Classification: Acute Toxicity (Oral) Category 5 (Hazard statement: H303: May be harmful if swallowed)

Acute Dermal Toxicity Study – similar to OECD Guideline 402

Low acute dermal toxicity; LD₅₀ in rabbits is > 2,000 mg/kg.

Acute Inhalation Toxicity Study – OECD Guideline 403

Low acute inhalation toxicity. LC₅₀ in rats is > 2.0 mg/l (or g/m³).

(b) Skin corrosion / irritation:

No skin irritation in rabbits. Mean Primary Irritation Score: 0.5. Based on the available data for the hydrated forms of sodium tetraborate, the classification criteria are not met.

(c) Serious eye damage / irritation:

Eye Irritation Study – similar to OECD Guideline 405

Results: Not irritating to eyes. Induced slight iritis, conjunctivae redness and chemosis, reversible after 4-7 days with a return to near normal by 7 days after exposure.

Classification: Based on mean scores of ≤ 1, and the effects were fully reversible within 7 days, the classification criteria are not met.

(d) Respiratory or skin sensitization:

Buehler Test – OECD Guideline 406

Not a skin sensitizer. No respiratory sensitization studies have been conducted. There are no data to suggest that boric acid or sodium borates are respiratory sensitizers. Based on the available data, the classification criteria are not met.

(e) Germ cell mutagenicity:

Not mutagenic (based on boric acid). Based on the available data, the classification criteria are not met.

(f) Carcinogenicity:

Method: OECD 451 equivalent.

No evidence of carcinogenicity (based on boric acid). Based on the available data, the classification criteria are not met.

(g) Reproductive toxicity:

Method: Three-generation feeding study, similar to OECD 416 Two-Generation Study

NOAEL in rats for effects on fertility in males is 100 mg boric acid/kg bw equivalent to 17.5 mg B/kg bw.

Prenatal Developmental Toxicity Study of Boric Acid - OECD Guideline 414

Routes of Exposure: Oral feeding study

NOAEL in rats for developmental effects on the fetus including fetal weight loss and minor skeletal variations is 55 mg boric acid/kg.

Reproductive Toxicity Category 2 (Hazard statement: H361:

Suspected of damaging fertility or the unborn child.)

12. ECOLOGICAL INFORMATION

Ecotoxicity (aquatic and terrestrial, where available):

Note that the data values are expressed as boron equivalents. To convert to this product divide the boron equivalent by 0.21.

Freshwater—Chronic Studies

Taxonomic Group	Number of Taxa Tested	Range of Endpoint Values (geometric NOEC/EC ₁₀)
Algal	4	10 mg B/L (<i>Chlorella pyrenoidosa</i>) to 50 mg B/L (<i>Anacystis nidulans</i>)
Higher plants	3	4.0 mg B/L (<i>Phragmites australis</i>) to 60 mg B/L (<i>Lemna minor</i>)
Invertebrate and protozoan	7	5.7 mg B/L (<i>Daphnia magna</i>) to 32 mg B/L (<i>Chironomus riparius</i>)
Fish	6	2.9 mg B/L (<i>Micropterus salmoides</i>) to 17 mg B/L (<i>Carassius auratus</i>)
Amphibian	2	29 mg B/L (<i>Rana pipiens</i>) to 41 mg B/L (<i>Bufo fowleri</i>)

Based on the acute data for freshwater species, this substance is not classified as hazardous to the environment.

Marine and Estuary—Chronic Studies

Taxonomic Group	Number of Taxa Tested	Range of Endpoint Values (geometric NOEC/ EC ₁₀)
Algal	19	5 mg B/L (<i>Emiliana huxleyi</i>) to >100 mg B/L (<i>Agmenellum quadruplicatum</i> , <i>Anacystis marina</i> , <i>Thalassiosira pseudonana</i>)

Marine and Estuary—Acute Studies

Taxonomic Group	Number of Taxa Tested	Range of Endpoint Values (geometric EC/LC ₅₀)
Invertebrate	3	45 mg B/L (<i>Litopenaeus vannamei</i>) to 83 mg B/L (<i>Americamysis bahia</i>)
Fish	2	74 mg B/L (<i>Limanda limanda</i>) to 600 mg B/L (<i>Oncorhynchus tshawytscha</i>)

No data are available for algal species.

Sediment

Taxonomic Group	Number of Taxa Tested	Range of Endpoint Values (geometric EC/LC ₅₀)
Invertebrate	1	82.4 mg B/kg sediment dw (<i>Chironomus riparius</i>)

Results: Although limited, the data suggest that sediment organisms are within range of toxicity of aquatic organisms. In addition, the substance will not partition to the sediment, so a sediment/water partitioning approach is justified

Sewage Treatment Plants (STP)

Taxonomic Group	Number of Taxa Tested	Range of Endpoint Values (geometric NOEC/EC ₁₀)
Activated sludge	N/A	>17.5 mg B/L to 100 mg B/L
Microbes	3	10 mg B/L (<i>Opercularia bimarginata</i>) to 20 mg B/L (<i>Paramecium caudatum</i>)

Terrestrial-Chronic Studies

Taxonomic Group	Number of Taxa Tested	Range of Endpoint Values (geometric NOEC/EC ₁₀)
Plant	28	7.2 mg B/kg dw (<i>Zea mays</i>) to 56 mg B/kg dw (<i>Allium cepa</i>)
Invertebrates	9	15.4 mg B/kg dw (<i>Folsomia candida</i>) to 87 mg B/kg dw (<i>Caenorhabditis elegans</i>)
Soil micro	7	12 mg B/kg dw (nitrogen mineralization and nitrification test) to 420 mg B/kg dw (soil nitrogen transformation test)

Based on the complete data set, the HC5 value of the species sensitivity distribution is 10.8 mg B/kg dw.

Phytotoxicity: Boron is an essential micronutrient for healthy growth of plants. It can be harmful to boron sensitive plants in higher quantities. Care should be taken to minimize the amount of borate product released to the environment.

Persistence and Degradability: Biodegradation is not an applicable endpoint since the product is an inorganic substance.

Bioaccumulative potential: This product will undergo hydrolysis in water to form undissociated boric acid. Boric acid will not biomagnify through the foodchain.

Mobility in soil: The product is soluble in water and is leachable through normal soil. Adsorption to soils or sediments is insignificant.

Other adverse effects: None

13. DISPOSAL CONSIDERATION

Disposal methods:

Product packaging should be recycled where possible. Local authorities should be consulted about any specific local requirements. Such product should, if possible, be used for an appropriate application.

14. TRANSPORTATION INFORMATION

Transport Classification for Road (ADR) / Rail (RID); Inland waterways (ADN); Sea (IMDG); Air (ICAO/IATA): Not Regulated.

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture :

Clean Air Act (Montreal Protocol) - Substances that deplete the ozone layer: Not manufactured with and does not contain any Class I or Class II ozone depleting substances.

Regulation (EC) No 689/2008 - Export and Import of Dangerous Chemicals: Not listed.

National Regulations: Ensure all national/local regulations are observed.

U.S. EPA RCRA: This product is not listed as a hazardous waste under any sections of the Resource Conservation and Recovery Act (RCRA) or regulations (40 CFR 261 *et seq.*)

EPA FIFRA: This product is a pesticide registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals.

Following is the hazard information as required on the pesticide label:
CAUTION

Causes moderate eye irritation.

Harmful if swallowed.

Avoid contact with eyes or clothing.

Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

Superfund: CERCLA/SARA. This product is not listed under CERCLA (Comprehensive Environmental Response Compensation and Liability Act) or its 1986 amendments, SARA (Superfund Amendments and Reauthorization Act), including substances listed under Section 313 of SARA, Toxic Chemicals, 42 USC 11023, 40 CFR 372.65, Section 302 of SARA, Extremely Hazardous Substances, 42 USC 11002, 40 CFR 355, or the CERCLA Hazardous Substances list, 42 USC 9604, 40 CFR 302.

Safe Drinking Water Act (SDWA): This product is not regulated under the SDWA, 42 USC 300g-1, 40 CFR 141 *et seq.* Consult state and local regulations for possible water quality advisories regarding boron compounds.

Clean Water Act (CWA) (Federal Water Pollution Control Act): 33 USC 1251 *et seq.*

a) This product is not itself a discharge covered by any water quality criteria of Section 304 of the CWA, 33 USC 1314.

b) It is not on the Section 307 List of Priority Pollutants, 33 USC 1317, 40 CFR 129.

c) It is not on the Section 311 List of Hazardous Substances, 33 USC 1321, 40 CFR 116.

FIFRA Labeling:

Tim-Bor Professional

EPA Reg. No. 64405-8

Keep Out of Reach of Children

CAUTION

PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals

CERCLA: Report all spills in accordance with local, state, and federal regulations.

SARA Hazard Category (311/312): Acute Health, Chronic Health

SARA 313: This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): Ethylene Glycol 107-21-1 40-50%

EPA TSCA Inventory: This product is regulated under FIFRA, thus exempt.

IARC: The International Agency for Research on Cancer (IARC) (a unit of the World Health Organization) does not list or categorize this product as a carcinogen.

NTP Biennial Report on Carcinogens: This product is not listed.

OSHA carcinogen: This product is not listed.

California Proposition 65: This product is not listed on the Proposition 65 list of carcinogens or reproductive toxicants.

16. OTHER INFORMATION

NFPA Rating: Health = 0 Flammability = 0 Reactivity = 0

HMIS Rating: Health = 1* Flammability = 0 Reactivity = 0

*Chronic Effects

SDS Revision History: 04/28/15: New SDS
01/12/16: Revised

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Safety Data Sheet

Trelona Compressed Termite Bait

Revision date : 2021/04/14
Version: 8.0

Page: 1/12
(30573757/SDS_CPA_US/EN)

1. Identification

Product identifier used on the label

Trelona Compressed Termite Bait

Recommended use of the chemical and restriction on use

Recommended use*: crop protection product, insecticide

* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

Details of the supplier of the safety data sheet

Company:
BASF CORPORATION
100 Park Avenue
Florham Park, NJ 07932, USA

Telephone: +1 973 245-6000

Emergency telephone number

24 Hour Emergency Response Information

CHEMTREC: 1-800-424-9300
BASF HOTLINE: 1-800-832-HELP (4357)

Other means of identification

Substance number: 545075
EPA Registration number: 499-557
Synonyms: Novaluron

2. Hazards Identification

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Label elements

The product does not require a hazard warning label in accordance with GHS criteria.

Hazards not otherwise classified

Safety Data Sheet

Trelona Compressed Termite Bait

Revision date : 2021/04/14
Version: 8.0

Page: 2/12
(30573757/SDS_CPA_US/EN)

Labeling of special preparations (GHS):

This product is not combustible in the form in which it is shipped by the manufacturer, but may form a combustible dust through downstream activities (e.g. grinding, pulverizing) that reduce its particle size.

3. Composition / Information on Ingredients

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Benzamide, N-[[[3-chloro-4-[1,1,2-trifluoro-2-(trifluoromethoxy)ethoxy]phenyl]amino]carbonyl]-2,6-difluoro-

CAS Number: 116714-46-6

Content (W/W): 0.5 %

Synonym: RIMON TECHNICAL

Microcrystalline cellulose

CAS Number: 9004-34-6

Content (W/W): > 95.0%

Synonym: Cellulose, hydrolyzate

4. First-Aid Measures

Description of first aid measures

General advice:

Remove contaminated clothing.

If inhaled:

Keep patient calm, remove to fresh air.

If on skin:

Wash thoroughly with soap and water

If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open.

If swallowed:

Rinse mouth and then drink 200-300 ml of water.

Most important symptoms and effects, both acute and delayed

Symptoms: (Further) symptoms and / or effects are not known so far

Indication of any immediate medical attention and special treatment needed

Note to physician

Treatment: Symptomatic treatment (decontamination, vital functions).

5. Fire-Fighting Measures

Extinguishing media

Safety Data Sheet

Trelona Compressed Termite Bait

Revision date : 2021/04/14
Version: 8.0

Page: 3/12
(30573757/SDS_CPA_US/EN)

Suitable extinguishing media:
water spray, dry powder, foam

Unsuitable extinguishing media for safety reasons:
water jet, carbon dioxide

Special hazards arising from the substance or mixture

Hazards during fire-fighting:
carbon monoxide, carbon dioxide, nitrogen oxides, acid halides
The substances/groups of substances mentioned can be released in case of fire.

Advice for fire-fighters

Protective equipment for fire-fighting:
Wear self-contained breathing apparatus and chemical-protective clothing.

Further information:

Evacuate area of all unnecessary personnel. Contain contaminated water/firefighting water. Do not allow to enter drains or waterways. Dusty conditions may ignite explosively in the presence of an ignition source causing flash fire.

6. Accidental release measures

Further accidental release measures:

Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Avoid the formation and build-up of dust - danger of dust explosion. Dust in sufficient concentration can result in an explosive mixture in air. Handle to minimize dusting and eliminate open flame and other sources of ignition.

Personal precautions, protective equipment and emergency procedures

Use personal protective clothing. Avoid contact with the skin, eyes and clothing. Remove contaminated clothes, undergarments and shoes immediately. Information regarding personal protective measures, see section 8.

Environmental precautions

Do not discharge into the subsoil/soil. Do not discharge into drains/surface waters/groundwater.

Methods and material for containment and cleaning up

For small amounts: Pick up with suitable appliance and dispose of. Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr). Contain with dust binding material and dispose of.

Cleaning operations should be carried out only while wearing breathing apparatus. Dispose of absorbed material in accordance with regulations. Collect waste in suitable containers, which can be labeled and sealed. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations.

7. Handling and Storage

Precautions for safe handling

RECOMMENDATIONS ARE FOR MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING WORKERS. PESTICIDE APPLICATORS & WORKERS must refer to the Product Label and Directions for Use attached to the product for Agricultural Use Requirements in accordance with the EPA Worker Protection Standard 40 CFR part 170. Ensure adequate ventilation. Provide good ventilation of working area (local exhaust ventilation if necessary). Keep

Safety Data Sheet

Trelona Compressed Termite Bait

Revision date : 2021/04/14

Version: 8.0

Page: 4/12

(30573757/SDS_CPA_US/EN)

away from sources of ignition - No smoking. Keep container tightly sealed. Protect contents from the effects of light. Protect against heat. Protect from air. Handle and open container with care. Do not open until ready to use. Once container is opened, content should be used as soon as possible. Avoid dust formation. Do not return residues to the storage containers. Follow label warnings even after container is emptied. The substance/ product may be handled only by appropriately trained personnel. Avoid all direct contact with the substance/product. Avoid contact with the skin, eyes and clothing. Avoid inhalation of dusts/mists/vapours. Wear suitable personal protective clothing and equipment.

Protection against fire and explosion:

The relevant fire protection measures should be noted. Fire extinguishers should be kept handy. Avoid all sources of ignition: heat, sparks, open flame. Sources of ignition should be kept well clear. Avoid extreme heat. Keep away from oxidizable substances. Electrical equipment should conform to national electric code. Ground all transfer equipment properly to prevent electrostatic discharge. Electrostatic discharge may cause ignition. Avoid dust formation. Dust in sufficient concentration can result in an explosive mixture in air. Handle to minimize dusting and eliminate open flame and other sources of ignition. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Dry powders can build static electricity charges when subjected to the friction of transfer and mixing operations. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres. Refer to NFPA 654, Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids (2013 Edition) for safe handling.

Conditions for safe storage, including any incompatibilities

Segregate from foods and animal feeds.

Further information on storage conditions: Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame. Protect containers from physical damage. Protect against contamination. The authority permits and storage regulations must be observed. Protect from temperatures above: 40 °C

Changes in the properties of the product may occur if substance/product is stored above indicated temperature for extended periods of time.

8. Exposure Controls/Personal Protection

Users of a pesticidal product should refer to the product label for personal protective equipment requirements.

Components with occupational exposure limits

Microcrystalline cellulose	ACGIH, US:	TWA value 10 mg/m3 ;
	OSHA Z1:	PEL 5 mg/m3 Respirable fraction ;
	OSHA Z1:	PEL 15 mg/m3 Total dust ;
	OSHA Z1A:	TWA value 5 mg/m3 Respirable fraction ;
	OSHA Z1A:	TWA value 15 mg/m3 Total dust ;

Advice on system design:

Whenever possible, engineering controls should be used to minimize the need for personal protective equipment. It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen deficient environment. Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is no leakage from the equipment). Use only appropriately classified electrical equipment and powered industrial trucks.

Safety Data Sheet

Trelona Compressed Termite Bait

Revision date : 2021/04/14
Version: 8.0

Page: 5/12
(30573757/SDS_CPA_US/EN)

Personal protective equipment

RECOMMENDATIONS FOR MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING WORKERS:

Respiratory protection:

Wear respiratory protection if ventilation is inadequate. Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator. For situations where the airborne concentrations may exceed the level for which an air purifying respirator is effective, or where the levels are unknown or Immediately Dangerous to Life or Health (IDLH), use NIOSH-certified full facepiece pressure demand self-contained breathing apparatus (SCBA) or a full facepiece pressure demand supplied-air respirator (SAR) with escape provisions.

Hand protection:

Chemical resistant protective gloves, Protective glove selection must be based on the user's assessment of the workplace hazards.

Eye protection:

Safety glasses with side-shields. Tightly fitting safety goggles (chemical goggles).

Body protection:

Body protection must be chosen depending on activity and possible exposure, e.g. head protection, apron, protective boots, chemical-protection suit.

General safety and hygiene measures:

Wear long sleeved work shirt and long work pants in addition to other stated personal protective equipment. Work place should be equipped with a shower and an eye wash. Handle in accordance with good industrial hygiene and safety practice. Personal protective equipment should be decontaminated prior to reuse. Gloves must be inspected regularly and prior to each use. Replace if necessary (e.g. pinhole leaks). Take off immediately all contaminated clothing. Store work clothing separately. Hands and/or face should be washed before breaks and at the end of the shift. No eating, drinking, smoking or tobacco use at the place of work. Keep away from food, drink and animal feeding stuffs.

9. Physical and Chemical Properties

Form:	powder
Odour:	odourless
Odour threshold:	not applicable, odour not perceivable
Colour:	white
pH value:	approx. 6 - 8 (100 g/l, 20 °C) Information based on the main components.
Melting point:	approx. > 200 °C The substance / product decomposes. Information based on the main components.
Boiling point:	not applicable, Information based on the main components.
Flash point:	not applicable, the product is a solid
Flammability:	Based on the structure or composition there is no indication of flammability

Safety Data Sheet

Trelona Compressed Termite Bait

Revision date : 2021/04/14
Version: 8.0

Page: 6/12
(30573757/SDS_CPA_US/EN)

Lower explosion limit:	As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.
Upper explosion limit:	As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.
Vapour pressure:	The value has not be determined because of the high melting point.
Density:	approx. 0.4 g/cm ³
Bulk density:	approx. 400 kg/m ³
Vapour density:	not applicable
Partitioning coefficient n-octanol/water (log Pow):	not applicable
Self-ignition temperature:	Based on its structural properties the product is not classified as self-igniting.
Thermal decomposition:	carbon monoxide, carbon dioxide Stable at ambient temperature. If product is heated above decomposition temperature toxic vapours may be released. To avoid thermal decomposition, do not overheat. No decomposition if stored and handled as prescribed/indicated.
Viscosity, dynamic:	not applicable, the product is a solid
Solubility in water:	dispersible
Evaporation rate:	not applicable
Other Information:	If necessary, information on other physical and chemical parameters is indicated in this section.

10. Stability and Reactivity

Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Oxidizing properties:

Based on its structural properties the product is not classified as oxidizing.

Chemical stability

The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous reactions

The product is chemically stable.

Hazardous polymerization will not occur. No hazardous reactions if stored and handled as prescribed/indicated.

Conditions to avoid

Avoid all sources of ignition: heat, sparks, open flame. Avoid extreme temperatures. Avoid prolonged exposure to extreme heat. Avoid contamination. Avoid electro-static discharge. Avoid prolonged storage. This product may form an explosive mixture if: 1. the dust is suspended in the atmosphere as a dust cloud AND 2. the concentration of the dust is above the lower explosion limit (LEL) AND 3. the limiting oxygen concentration (LOC) is exceeded.

Safety Data Sheet

Trelona Compressed Termite Bait

Revision date : 2021/04/14
Version: 8.0

Page: 7/12
(30573757/SDS_CPA_US/EN)

Incompatible materials

strong oxidizing agents

Hazardous decomposition products

Decomposition products:

No hazardous decomposition products if stored and handled as prescribed/indicated., Prolonged thermal loading can result in products of degradation being given off.

Thermal decomposition:

Possible thermal decomposition products:

carbon monoxide, carbon dioxide

Stable at ambient temperature. If product is heated above decomposition temperature toxic vapours may be released. To avoid thermal decomposition, do not overheat.

No decomposition if stored and handled as prescribed/indicated.

11. Toxicological information

Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Acute Toxicity/Effects

Acute toxicity

Assessment of acute toxicity: Relatively nontoxic after single ingestion. Relatively nontoxic after short-term skin contact. Relatively nontoxic after short-term inhalation.

Oral

Type of value: LD50

Species: rat (female)

Value: > 5,000 mg/kg

Inhalation

Not inhalable due to the physico-chemical properties of the product. No mortality was observed.

Dermal

Type of value: LD50

Species: rat (male/female)

Value: > 5,000 mg/kg

Assessment other acute effects

Based on available Data, the classification criteria are not met. The product has not been tested. The statement has been derived from the properties of the individual components.

Irritation / corrosion

Assessment of irritating effects: May cause moderate but temporary irritation to the eyes. May cause slight irritation to the skin.

Skin

Species: rabbit

Result: Slightly irritating.

Eye

Species: rabbit

Safety Data Sheet

Trelona Compressed Termite Bait

Revision date : 2021/04/14
Version: 8.0

Page: 8/12
(30573757/SDS_CPA_US/EN)

Result: non-irritant

Sensitization

Assessment of sensitization: Skin sensitizing effects were not observed in animal studies.

Buehler test

Species: guinea pig

Result: Skin sensitizing effects were not observed in animal studies.

Aspiration Hazard

No aspiration hazard expected. The product has not been tested. The statement has been derived from the properties of the individual components.

Chronic Toxicity/Effects

Repeated dose toxicity

Assessment of repeated dose toxicity: The product has not been tested. The statement has been derived from the properties of the individual components. No substance-specific organotoxicity was observed after repeated administration to animals.

Genetic toxicity

Assessment of mutagenicity: The product has not been tested. The statement has been derived from the properties of the individual components. Mutagenicity tests revealed no genotoxic potential.

Carcinogenicity

Assessment of carcinogenicity: The product has not been tested. The statement has been derived from the properties of the individual components. The results of various animal studies gave no indication of a carcinogenic effect.

Reproductive toxicity

Assessment of reproduction toxicity: The product has not been tested. The statement has been derived from the properties of the individual components. The results of animal studies gave no indication of a fertility impairing effect.

Teratogenicity

Assessment of teratogenicity: The product has not been tested. The statement has been derived from the properties of the individual components. Animal studies gave no indication of a developmental toxic effect at doses that were not toxic to the parental animals.

Other Information

Misuse can be harmful to health.

Medical conditions aggravated by overexposure

Individuals with pre-existing diseases of the respiratory system, skin or eyes may have increased susceptibility to excessive exposures.

12. Ecological Information

Toxicity

Aquatic toxicity

Assessment of aquatic toxicity:

Very toxic to aquatic life with long lasting effects.

The product has not been tested. The statement has been derived from the properties of the individual components.

Safety Data Sheet

Trelona Compressed Termite Bait

Revision date : 2021/04/14

Version: 8.0

Page: 9/12

(30573757/SDS_CPA_US/EN)

Toxicity to fish

Information on: Novaluron (ISO) ; 1-[3-chloro-4-(1,1,2-trifluoro-2-trifluoromethoxyethoxy)phenyl]-3-(2,6-difluorobenzoyl)urea

LC50 (96 h) 0.744 mg/l, Cyprinus carpio

LC50 (96 h) > 0.96 mg/l, Salmo gairdneri, syn. O. mykiss

LC50 (96 h) 0.002 mg/l, Cyprinodon variegatus

Aquatic invertebrates

Information on: Novaluron (ISO) ; 1-[3-chloro-4-(1,1,2-trifluoro-2-trifluoromethoxyethoxy)phenyl]-3-(2,6-difluorobenzoyl)urea

EC50 (48 h) 0.00015 mg/l, Daphnia magna

LC50 (48 h) 0.00013 mg/l, Americamysis bahia

Aquatic plants

Information on: Novaluron (ISO) ; 1-[3-chloro-4-(1,1,2-trifluoro-2-trifluoromethoxyethoxy)phenyl]-3-(2,6-difluorobenzoyl)urea

EC50 (72 h) > 9.68 mg/l (biomass), Selenastrum capricornutum

EC50 (14 h) > 0.0754 mg/l, Lemna minor

Persistence and degradability

Assessment biodegradation and elimination (H2O)

The product has not been tested. The statement has been derived from the properties of the individual components.

Bioaccumulative potential

Assessment bioaccumulation potential

Accumulation in organisms is expected.

The product has not been tested. The statement has been derived from the properties of the individual components.

Bioaccumulation potential

Information on: Novaluron (ISO) ; 1-[3-chloro-4-(1,1,2-trifluoro-2-trifluoromethoxyethoxy)phenyl]-3-(2,6-difluorobenzoyl)urea

Bioconcentration factor: 14,431

Mobility in soil

Assessment transport between environmental compartments

The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: Benzamide, N-[[[3-chloro-4-[1,1,2-trifluoro-2-(trifluoromethoxy)ethoxy]phenyl]amino]carbonyl]-2,6-difluoro-

Following exposure to soil, adsorption to solid soil particles is probable, therefore contamination of groundwater is not expected.

Safety Data Sheet

Trelona Compressed Termite Bait

Revision date : 2021/04/14
Version: 8.0

Page: 10/12
(30573757/SDS_CPA_US/EN)

Additional information

Other ecotoxicological advice:
Do not discharge product into the environment without control.

13. Disposal considerations

Waste disposal of substance:

Pesticide wastes are regulated. Improper disposal of excess pesticide, spray mix or rinsate is a violation of federal law. If pesticide wastes cannot be disposed of according to label instructions, contact the State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container disposal:

The packaging must not be re-used. Completely empty packaging may be treated as household waste. Consult the product label for additional details.

RCRA:

The waste codes are manufacturer's recommendations based on the designated use of the product. Other use and special waste disposal treatment on customer's location may require different waste-code assignments. This product is not regulated by RCRA.

14. Transport Information

Land transport

USDOT

Not classified as a dangerous good under transport regulations

Sea transport

IMDG

Hazard class:	9
Packing group:	III
ID number:	UN 3077
Hazard label:	9, EHSM
Marine pollutant:	YES
Proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (contains NOVALURON)

Air transport

IATA/ICAO

Hazard class:	9
Packing group:	III
ID number:	UN 3077
Hazard label:	9, EHSM
Proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (contains NOVALURON)

Further information

Product may be shipped as non-hazardous in suitable packages containing a net quantity of 5 kg or less under the provisions of various regulatory agencies: ADR, RID, ADN: Special Provision 375; IMDG: 2.10.2.7; IATA: A197; TDG: Special Provision 99(2); 49CFR: §171.4 (c) (2).

Safety Data Sheet

Trelona Compressed Termite Bait

Revision date : 2021/04/14
Version: 8.0

Page: 11/12
(30573757/SDS_CPA_US/EN)

15. Regulatory Information

Federal Regulations

Registration status:

Crop Protection TSCA, US released / exempt

Chemical TSCA, US blocked / not listed

EPCRA 311/312 (Hazard categories): Refer to SDS section 2 for GHS hazard classes applicable for this product.

State regulations

<u>State RTK</u>	<u>CAS Number</u>	<u>Chemical name</u>
PA	9004-34-6	Microcrystalline cellulose
MA	9004-34-6	Microcrystalline cellulose
NJ	9004-34-6	Microcrystalline cellulose

Labeling requirements under FIFRA

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label.

CAUTION:

KEEP OUT OF REACH OF CHILDREN.

KEEP OUT OF REACH OF DOMESTIC ANIMALS.

Causes eye irritation.

Avoid contact with the skin, eyes and clothing.

Wash thoroughly after handling.

16. Other Information

SDS Prepared by:

BASF NA Product Regulations

SDS Prepared on: 2021/04/14

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

IMPORTANT: WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE , IT IS

Safety Data Sheet

Trelona Compressed Termite Bait

Revision date : 2021/04/14

Page: 12/12

Version: 8.0

(30573757/SDS_CPA_US/EN)

PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, WE RECOMMEND THAT YOU MAKE TESTS TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, YOU EXPRESSLY UNDERSTAND AND AGREE THAT THE DESCRIPTIONS, DESIGNS, DATA, AND INFORMATION FURNISHED BY OUR COMPANY HEREUNDER ARE GIVEN GRATIS AND WE ASSUME NO OBLIGATION OR LIABILITY FOR THE DESCRIPTION, DESIGNS, DATA AND INFORMATION GIVEN OR RESULTS OBTAINED, ALL SUCH BEING GIVEN AND ACCEPTED AT YOUR RISK.

END OF DATA SHEET

SPECIMEN Trelona[®] Compressed Termite Bait

NOT FOR INDIVIDUAL RESALE.

- Termite Bait Cartridge (TBC)
- For use by individuals/firms licensed or registered by the state to apply termiticide products. States may have more restrictive requirements regarding qualifications of persons using this product. Consult the structural pest control regulatory agency of your state prior to use of this product with questions you may have.
- A termite bait that may be used in an integrated management program for the protection of structures against subterranean termites.

ACTIVE INGREDIENT:

Novaluron: 1-[3-chloro-4-(1,1,2-trifluoro-2-trifluoro-methoxyethoxy)
phenyl]-3-(2,6-difluorobenzoyl) urea 0.50%

OTHER INGREDIENTS: 99.50%

TOTAL: 100.00%

Contains 0.5 grams of novaluron per 100 grams of formulation
U.S. Patent No. 8,720,108

EPA Reg. No. 499-557

EPA Est. No.

**KEEP OUT OF REACH OF CHILDREN
CAUTION/PRECAUCION**

Refer to full label for **First Aid, Precautionary Statements,**
Directions For Use, Conditions of Sale and Warranty, and state-specific use site restrictions.

NET WEIGHT:

BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709


We create chemistry

Trelona[®]

Compressed Termite Bait

- For use by individuals/firms licensed or registered by the state to apply termiticide products. States may have more restrictive requirements regarding qualifications of persons using this product. Consult the structural pest control regulatory agency of your state prior to use of this product with questions you may have.
- A termite bait that may be used in an integrated management program for the protection of structures against subterranean termites.

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OTHER INGREDIENTS: 99.50%

TOTAL: 100.00%

Contains 0.5 grams of novaluron per 100 grams of formulation
U.S. Patent No. 8,720,108

EPA Reg. No. 499-557

EPA Est. No.

KEEP OUT OF REACH OF CHILDREN CAUTION/PRECAUCION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

Refer to full label for **First Aid, Precautionary Statements, Directions For Use, Conditions of Sale and Warranty**, and state-specific use site restrictions.

**In case of an emergency endangering life or property involving this product,
call day or night 1-800-832-HELP (4357).**

NET WEIGHT:

BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709


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FIRST AID	
If in eyes	<ul style="list-style-type: none"> • Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. • Call a poison control center or doctor for treatment advice.
HOTLINE NUMBER	
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. For non-emergency general information on this pesticide product (including health concerns or pesticide incidents), you may call 1-800-832-HELP (4357), 24 hours per day, 7 days per week.</p>	

Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

Environmental Hazards

The active ingredient in this product is extremely toxic to aquatic invertebrates. **DO NOT** place in any area where, because of the movement of water, it could be washed into a body of water containing aquatic life, such as ponds or streams.

Directions For Use

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

Read the **Use Directions** carefully before using this product. This product is part of a termite baiting system and is intended for use in BASF approved bait stations which may be purchased from most professional pest control product distributors. Use of this bait in any other type of station or system not approved by BASF is prohibited. Call 1-800-777-8570 for assistance in using this product or any other components of the termite baiting system.

When inspected and replenished per label **Use Directions**, this product provides on-going structural protection through colony elimination; however, conditions or circumstances beyond the control of the user (competing insects, flooding events, cold weather, presence of alternative food sources, etc.) may alter the time needed to achieve structural protection.

STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage or disposal.

Pesticide Storage

Store in a cool, dry (preferably locked) area, in a place that is inaccessible to children and animals.

Pesticide Disposal

Product not disposed of by use according to label directions should be wrapped in paper and placed in a trash can. If these wastes cannot be disposed of according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Handling

Nonrefillable container. DO NOT reuse or refill this container. Offer for recycling if available. If recycling is not available, place container in trash.

In Case of Emergency

In case of large-scale spill of this product, call:

- CHEMTREC 1-800-424-9300
- BASF Corporation 1-800-832-HELP (4357)

In case of medical emergency regarding this product, call:

- Your local doctor for immediate treatment
- Your local poison control center (hospital)
- BASF Corporation 1-800-832-HELP (4357)

Station Installation

Install stations around a structure such that, except where sufficient access to the ground is not available, the maximum interval between any two stations does not exceed 20 feet. If the distance between 2 points of accessible ground around the structure exceeds 30 feet, it may be advisable to form 1 or more openings in the inaccessible surface to facilitate baiting between the accessible areas.

To install a station, excavate a hole in the ground approximately the same size and dimensions as those of the station. Insert the station and maximize contact between the exterior of the station and the soil. This will increase the probability of termite entrance into the station. If the station is inserted into an opening created through a hardened construction surface (such as concrete, asphalt, etc.), insert station below the surface (in contact with the ground) and seal securely.

Install stations within approximately 5 feet of points of known, probable, or suspected termite foraging activity and in other areas that provide conditions conducive to termite activity. Such areas may include concentrations of cellulose-containing debris in contact with the ground, such as mulch, wood scraps, areas of moderate soil moisture, shaded areas, areas containing plant root systems, bath traps, visible termite foraging tubes, or other evidence of termite activity or conducive conditions. Relocate or modify the station location to prevent water from collecting in the station by, for example, creating a sump area under the installed station or at the bottom of the cavity. If termites have permanently abandoned the station due to excessive moisture, remove the saturated bait and re-bait the station with fresh bait at that time or after the excess moisture condition has abated.

If the structure has an accessible crawl space, stations can be installed in the crawl space in lieu of or in addition to installing stations around the structure; however, either the interior or the exterior of the crawl space must contain a complete set of stations, as defined by this label. Stations can be installed within a slab structure in existing or created openings in the slab surface through which ground is accessible and into which the station can be installed in a secure manner.

Once termite activity has occurred at a station and bait consumption has begun, it may be advisable, depending on the rate of bait consumption in that station and nearby stations, to install 1 or more supplemental stations in the immediate vicinity (up to 5 feet) of the infested station(s) in order that bait consumption by the colony be maximized.

Use Directions

Pre-construction Use

In Florida, for use as a stand-alone preventative treatment for new construction, use two 124 gram cartridges in every bait station around structure.

This product can be used for preventative treatment (before signs of infestation) of new structures (as a substitute for, and in lieu of, pre-construction soil treatment). Place stations around the outside of the structure only after the final exterior grade is established (and preferably after landscaping is completed).

Post-construction Use

This product can be used for remedial treatment of infested existing structures or for preventative treatment (before signs of infestation) of existing structures.

Pre-baiting

Pre-baiting is a process by which termite activity is established at a location prior to the application of bait at that location. Use BASF approved pre-bait to establish activity in the station. Inspect pre-baited stations every 120 days. Inspections cannot take place more than 30 days beyond the required interval unless cold temperatures persist (average daily mean exterior air temperature below 50°F). Termite feeding activity is typically reduced under low temperature conditions making it difficult to accurately assess termite activity. The operator should always make allowances for local circumstances when considering increasing elapsed time between inspections. If there is termite activity in a pre-baited station, make bait continuously available for colony consumption by removing the pre-bait and placing this product in the station. Refer to **Table 1. Baiting Inspection Intervals** for details.

Direct Baiting

This product can be placed in stations at any time prior to termite activity (direct baiting), with or without the presence of termites. Refer to **Table 1. Baiting Inspection Intervals** for details.

Table 1. Baiting Inspection Intervals

Inspection Interval	Cartridges Required
120 Days*	One 124 gram cartridge
Annual	Every bait station must contain: Two 124 gram cartridges

Inspection intervals must comply with state regulations where applicable.

Shorter inspection intervals may be warranted if termite activity indicates complete consumption of the bait in a station before the scheduled inspection.

Inspections cannot take place more than 30 days beyond the required interval unless cold temperatures persist (average daily mean exterior air temperature below 50°F). Termite feeding activity is typically reduced under low temperature conditions making it difficult to accurately assess termite activity. The operator should always make allowances for local circumstances when considering increasing elapsed time between inspections.

- **DO NOT** allow more than 6 months to pass between inspections for the 120 day inspection interval.
- **DO NOT** allow more than 15 months to pass between inspections for the annual inspection interval.

* After feeding has stopped, and there has been no activity for one year, inspect the stations every 6 months.

Inspecting Stations and Replacing Bait

To inspect a station, remove the cover and visually examine the cartridges for the presence of termites, being careful to minimize disturbance in the case that termites are present. If it appears that >1/3 of a bait cartridge in the station has been consumed, replace that cartridge with a new cartridge. If termites are not present, inspect bait for excessive decay. Replace excessively decayed bait and securely close the station cover.

Transitioning from 120 Day to Annual Inspection Interval in Baited Stations

Alternatively, baited stations on a 120 day inspection interval may be switched to an annual inspection interval if all contents are removed from the stations and replaced with two **Trelona® Compressed Termite Bait** cartridges. All stations around the structure must contain two **Trelona Compressed Termite Bait** cartridges or the inspection period cannot exceed 120 days. Inspection of bait treatments made with this product must be done according to the inspection intervals listed in **Table 1. Baiting Inspection Intervals**.

Non-structure Spot Treatment

This product can also be applied or used as a spot treatment in areas not associated with structures or buildings, such as around trees, wood piles, landscaping elements, railroad track beds, at the edge of property lines and other areas where termite activity is known or suspected. Such treatments may be made alone or in combination with an additional method of termiticide treatment. To provide a non-structure spot treatment, install one or more bait station(s) in the soil at or near points of known or suspected termite activity. Non-structure spot treatment baiting may be discontinued at any time at the discretion of the applicator. Inspection of bait treatments made with this product must be done according to the inspection intervals listed in **Table 1. Baiting Inspection Intervals**.

Supplemental Treatments

If a soil-applied liquid or granular termiticide treatment is performed in conjunction with installation of the bait system, **DO NOT** treat the area where stations are installed (preferably not within 2 feet of stations). Because the use of bait may be a multi-step process, localized treatment using soil applied termiticide to the structure infested with active termites at the time of baiting may provide more immediate control of termites in those parts of the structure. Preventative spot treatments to critical areas of soil or wood may be performed in conjunction with station installation. **DO NOT** treat directly on top of installed stations with a repellent insecticide during routine general pest or perimeter applications.

This product can be applied or used as a supplemental treatment in, underneath, and around structures or buildings to kill termites in support of or as a supplement to a termiticide product labeled for and applied as a stand-alone termiticide treatment. This includes pre- and post-construction soil termiticide treatments labeled for providing structural protection. This product may also be used in combination with an additional termiticide treatment as a supplemental treatment in areas not associated with structures or buildings, such as around trees, wood piles, landscaping elements, railroad track beds, and other areas where termite activity is known or suspected. Inspection of bait treatments made with this product must be done according to the inspection intervals listed in **Table 1. Baiting Inspection Intervals**.

Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as environmental conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer. BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW: (A) BASF MAKES NO OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY, (B) BUYER'S EXCLUSIVE REMEDY AND BASF'S AND SELLER'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT, AND (C) BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, INCIDENTAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.** BASF and the Seller offer this product, and the Buyer and User accept it, subject to these **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

PCS915

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000499-00557.20200205.NVA 2020-04-466-0021

Based on: NVA 2019-04-466-0079

Supersedes: NVA 2017-04-466-0142

BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709



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A photograph of a middle-aged couple sitting on a white wicker sofa in a garden. The man is wearing a yellow shirt and the woman is wearing a light blue top and pink pants. They are both smiling. In the background, there is a white building with shutters. The foreground is filled with green foliage, some of which is out of focus.

Proven, long-term protection
for your home

Advance[®]
Termite Bait Stations

**With its innovative design, Advance®
termite bait stations are proven to
protect your home from termites.**

For strategic termite protection when and where needed, rely on the monitoring stations termites find faster

Termites cause more than \$5 billion worth of damage each year in the U.S. alone, and this damage is not covered by most homeowner's insurance policies. Since termites are found nationwide, there's a constant risk of termite infestation. To protect your home, choose **Advance®** termite bait stations, the most advanced baiting technology available.

What are the warning signs of an infestation in my home?

Unfortunately, there may be few warning signs but you can look for the following:

- Termites "swarming" during the day or early evening, often after rainfall
- Termite evidence in or around windows and doorframes
- Shelter tubes appearing on or around the foundation
- Baseboards and floors which may sound hollow
- Termites or termite wings on window sills or along walls

The best way to determine the presence of termites in your home is with a thorough home inspection from a pest management professional.

Termite



Ant



Above

Termites can often be mistaken for flying ants but there are noticeable differences.

Shelter or mud tubes



Termite damage to wood





How does termite baiting actually work to control termites?

Advance® termite bait stations do not attract termites to your home, but rather intercept them as they complete their natural foraging behavior and before they find your home. Once termites have entered the station, your PMP will install our efficacious **Trelona®** compressed termite bait solution to eliminate the termites. This process of colony elimination ensures your home is protected now and in the future.

How are stations installed around my home?

Termite stations are strategically installed around the perimeter of your home, typically in landscape beds adjacent to the home. Installation requires digging 2½-3 inch diameter by 1 foot deep cavities into the ground. These cavities are placed approximately 10–20 feet apart. Once the cavities are created, the stations are placed within the cavity. Your Pest Management Professional will provide a termite baiting program that is right for you.

How does home monitoring work?

Advance® termite bait stations provide a preventive termite control program. Your Pest Management Professional will use a termite inspection cartridge (TIC) with monitoring tablets to detect the presence of termites. If termites are detected, a **Trelona**® compressed termite bait cartridge (TBC) replaces the TIC. This begins the process of colony elimination.

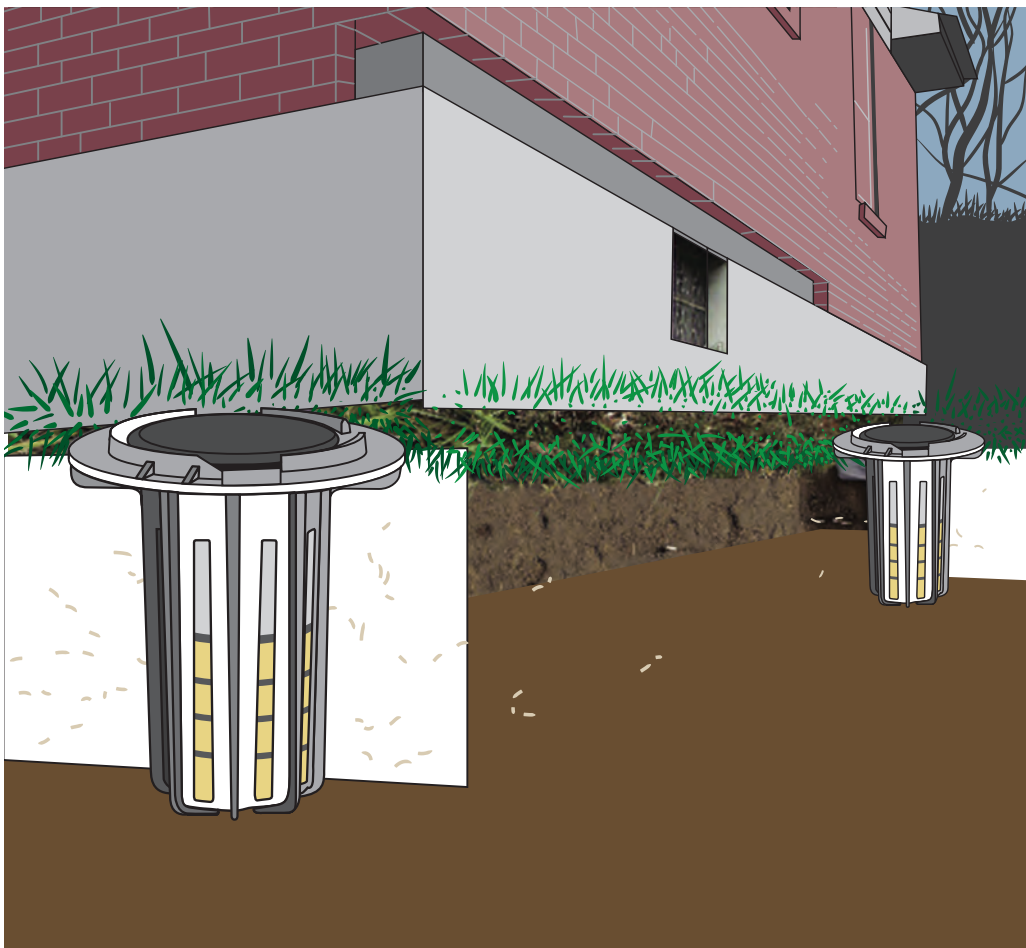
Why choose Advance termite bait stations?

- Faster discovery: The bigger Advance termite bait stations are found faster and more often.¹
- Faster consumption: The highly palatable bait matrix results in faster consumption by termites as compared to other food sources.²
- Faster colony elimination: Faster discovery and continued feeding promotes faster control. Through social interaction, termites unknowingly pass the active ingredient onto other termites.³
- Less disturbance to your property: The station design allows for ultra-low disturbance of your property and landscaping during routine inspections.

¹ Field Comparison of Time to Termite Discovery in Two Commercial Termite Bait Systems Study, Ph.D. Dissertation, Dr. Charles Mason's Lab, University of Delaware, 2012.

² Termite Consumption and Preference of Selected Materials, Dr. Brian Forschler, University of Georgia, 2002.

³ Transfer and Efficacy of Trelona Compressed Termite Bait in Subterranean Termites, Dr. Ed Vargo, North Carolina State University, 2011.



Above

To quickly eliminate termite colonies, your Pest Management Professional will install **Trelona ATBS** stations around your home.

1. Termite inspection cartridge (TIC) is removed during inspection for termite activity.
2. Termite activity is shown on the termite monitoring base.
3. TIC is replaced with the **Trelona** compressed termite bait cartridge (TBC), which contains active ingredient and begins the process of colony elimination.
4. The in-ground housing of the station is secured with a quik-lock cap.

Advance® termite bait stations: The difference is in the design

The larger station size is proven to promote faster termite discovery, which promotes faster consumption and faster colony elimination.

Low profile

Sits at soil level to minimize interference with lawnmowers and foot traffic

Quik-lock cap

Designed to minimize tampering by children and pets

Preferred cellulose

Puri-cel matrix preferred by termites over the wood used to construct your home

Large containerized bait load

Ensures that enough bait is present to eliminate a termite colony around your home

Dual food sources

Two food sources to quickly recruit a large number of termites to the station and keep them there

Easy-access vertical slits

Simple for termites to find the food source and feed



BASF
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Research Triangle Park, NC 27709
USA
<http://www.pestcontrol.basf.us>

Always read and follow label directions.

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