

# AIA<sup>®</sup> Document A310<sup>™</sup> – 2010

## Bid Bond

**CONTRACTOR:**

*(Name, legal status and address)*

SITEONE LANDSCAPE SUPPLY  
1385 East 36th Street  
Cleveland, OH 44114

**SURETY:**

*(Name, legal status and principal place of business)*

ATLANTIC SPECIALTY INSURANCE COMPANY  
175 Berkeley Street  
Minnetonka, MN 55305

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

**OWNER:**

*(Name, legal status and address)*

ST. CHARLES PARISH SCHOOL BOARD  
13855 River Road, Luling, LA 70070

**BOND AMOUNT:** Five percent of amount bid.  
(5% of Amount Bid)

**PROJECT:**

*(Name, location or address, and Project number, if any)*

Janitorial Supplies

Project Number, if any:

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed this 21st day of February, 2017

  
*(Witness)*

Rosalin Santiago

SITEONE LANDSCAPE SUPPLY

*(Principal)*

  
*(Title)*

Molly Vorvus, Sr. Bid Rep.

ATLANTIC SPECIALTY INSURANCE COMPANY

*(Surety)*

  
*(Title)*

Vivian Carti, Attorney in Fact

  
*(Witness)*

Mary L. Padilla



## Power of Attorney

KNOW ALL MEN BY THESE PRESENTS, that ATLANTIC SPECIALTY INSURANCE COMPANY, a New York corporation with its principal office in Plymouth, Minnesota, does hereby constitute and appoint: **Vivian Carti, Debra A. Deming, Sandra Diaz, Cynthia Farrell, Anne Potter, Jane Gilson, Peter Healy, Susan A. Welsh, Frances Rodriguez, Aklima Noorhassan, Francesca Kazmierczak**, each individually if there be more than one named, its true and lawful Attorney-in-Fact, to make, execute, seal and deliver, for and on its behalf as surety, any and all bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof; provided that no bond or undertaking executed under this authority shall exceed in amount the sum of: **sixty million dollars (\$60,000,000)** and the execution of such bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof in pursuance of these presents, shall be as binding upon said Company as if they had been fully signed by an authorized officer of the Company and sealed with the Company seal. This Power of Attorney is made and executed by authority of the following resolutions adopted by the Board of Directors of ATLANTIC SPECIALTY INSURANCE COMPANY on the twenty-fifth day of September, 2012:

Resolved: That the President, any Senior Vice President or Vice-President (each an "Authorized Officer") may execute for and in behalf of the Company any and all bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof, and affix the seal of the Company thereto; and that the Authorized Officer may appoint and authorize an Attorney-in-Fact to execute on behalf of the Company any and all such instruments and to affix the Company seal thereto; and that the Authorized Officer may at any time remove any such Attorney-in-Fact and revoke all power and authority given to any such Attorney-in-Fact.

Resolved: That the Attorney-in-Fact may be given full power and authority to execute for and in the name and on behalf of the Company any and all bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof, and any such instrument executed by any such Attorney-in-Fact shall be as binding upon the Company as if signed and sealed by an Authorized Officer and, further, the Attorney-in-Fact is hereby authorized to verify any affidavit required to be attached to bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof.

This power of attorney is signed and sealed by facsimile under the authority of the following Resolution adopted by the Board of Directors of ATLANTIC SPECIALTY INSURANCE COMPANY on the twenty-fifth day of September, 2012:

Resolved: That the signature of an Authorized Officer, the signature of the Secretary or the Assistant Secretary, and the Company seal may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing an Attorney-in-Fact for purposes only of executing and sealing any bond, undertaking, recognizance or other written obligation in the nature thereof, and any such signature and seal where so used, being hereby adopted by the Company as the original signature of such officer and the original seal of the Company, to be valid and binding upon the Company with the same force and effect as though manually affixed.

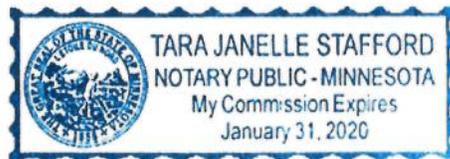
IN WITNESS WHEREOF, ATLANTIC SPECIALTY INSURANCE COMPANY has caused these presents to be signed by an Authorized Officer and the seal of the Company to be affixed this eighth day of December, 2014.



By   
Paul J. Brehm, Senior Vice President

STATE OF MINNESOTA  
HENNEPIN COUNTY

On this eighth day of December, 2014, before me personally came Paul J. Brehm, Senior Vice President of ATLANTIC SPECIALTY INSURANCE COMPANY, to me personally known to be the individual and officer described in and who executed the preceding instrument, and he acknowledged the execution of the same, and being by me duly sworn, that he is the said officer of the Company aforesaid, and that the seal affixed to the preceding instrument is the seal of said Company and that the said seal and the signature as such officer was duly affixed and subscribed to the said instrument by the authority and at the direction of the Company.



  
Notary Public

I, the undersigned, Assistant Secretary of ATLANTIC SPECIALTY INSURANCE COMPANY, a New York Corporation, do hereby certify that the foregoing power of attorney is in full force and has not been revoked, and the resolutions set forth above are now in force.

Signed and sealed. Dated 21st day of February, 2017.

This Power of Attorney expires  
October 1, 2017



  
James G. Jordan, Assistant Secretary



**Atlantic Specialty Insurance Company**

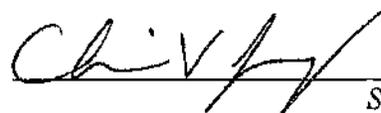
Period Ended 12/31/2015

Dollars displayed in thousands

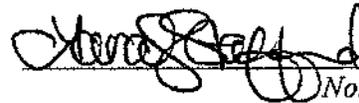
<b>Admitted Assets</b>		<b>Liabilities and Surplus</b>	
<b>Investments:</b>		<b>Liabilities</b>	
Bonds	\$ 1,312,886	Loss Reserves	\$ 762,377
Preferred Stocks	82,720	Loss Adjustment Expense Reserves	180,448
Common Stocks	423,322	<b>Total Loss &amp; LAE Reserves</b>	<u>942,825</u>
Mortgage Loans	-	Unearned Premium Reserve	530,792
Real Estate	-	Total Reinsurance Liabilities	49,372
Contract Loans	-	Commissions, Other Expenses, and Taxes due	39,513
Derivatives	-	Derivatives	-
Cash, Cash Equivalents & Short Term Investments	85,289	Payable to Parent, Subs or Affiliates	9,362
Other Investments	<u>93,192</u>	All Other Liabilities	<u>146,087</u>
<b>Total Cash &amp; Investments</b>	<u>1,997,388</u>	<b>Total Liabilities</b>	<u>1,717,961</u>
Premiums and Considerations Due	218,782	<b>Capital and Surplus</b>	
Reinsurance Recoverable	22,177	Common Capital Stock	9,000
Receivable from Parent, Subsidiary or Affiliates	-	Preferred Capital Stock	-
All Other Admitted Assets	<u>101,849</u>	Surplus Notes	-
<b>Total Admitted Assets</b>	<u>2,340,296</u>	Unassigned Surplus	80,789
		Other Including Gross Contributed	<u>532,547</u>
		<b>Capital &amp; Surplus</b>	<u>622,335</u>
		<b>Total Liabilities and C&amp;S</b>	<u>2,340,296</u>

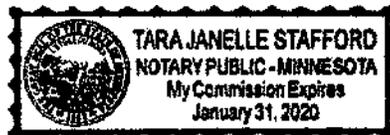
State of Minnesota  
County of Hennepin

I, Christopher Jerry, Secretary of Atlantic Specialty Insurance Company do hereby certify that the foregoing statement is a correct exhibit of the assets and liabilities of the said OneBeacon Insurance Company, on the 31<sup>st</sup> day of December, 2015, according to the best of my information, knowledge and belief.

  
Secretary

Subscribed and sworn to, before me, a Notary Public of the State of Minnesota on this 15<sup>th</sup> day of March 2016.

  
Notary Public



# ST. CHARLES PARISH SCHOOL BOARD

## Instructions to Bidders

The St. Charles Parish School Board will receive sealed bids until 9:00 a.m., February 23, 2017, in accordance with the following instructions and attached specifications.

1. Bids shall be submitted on the attached bid form. Any bid on any item shall include a unit price and a total price. If there is any discrepancy between the unit price and the total price extension, the unit price shall be considered binding and the total price will be adjusted accordingly.
2. **All bids shall be either hand delivered or sent by registered or certified mail with a return receipt requested** to the St. Charles Parish School Board Office, 13855 River Road, Luling, Louisiana 70070, in a sealed envelope clearly marked on the outside, **"BID ON JANITORIAL SUPPLIES February 23, 2017."** Bids will also be accepted electronically via our website [www.stcharles.k12.la.us](http://www.stcharles.k12.la.us), under "Quick Links," select "Online Bids, RFP's, etc."

All bids arriving after the stated date and time will be returned unopened to the bidder(s). No bid may be withdrawn for at least forty-five (45) days after the scheduled closing time for the receipt of bids.

3. Prices shall include delivery charges to all St. Charles Parish Schools and the Warehouse at 165 School Board Lane, Luling, Louisiana 70070. A list of school sites and addresses is attached. **Prices are to be good for a period of (1) one year beginning March 23, 2017, and ending March 24, 2018. Sales tax IS NOT to be included in your bid prices.**

4. Bidders may bid on the entire list of supplies or any individual item or any combination of items.

5. Any deviations from specifications, including chemical or material content, size or weight, number of items per case or carton, volume per container or package, etc., shall be clearly indicated on bid form.

6. ALL BIDS SHALL BE ACCOMPANIED BY A BID BOND, CERTIFIED CHECK, CASHIER'S CHECK OR MONEY ORDER IN THE AMOUNT OF FIVE PERCENT (5%) OF THE TOTAL AMOUNT OF THE BID. BIDS WILL NOT BE CONSIDERED UNLESS THE REQUIRED CHECK OR BID BOND IS ATTACHED.

7. A Performance Bond in the total amount of the order(s) will be required from the successful bidder(s) if the amount purchased exceeds \$1,000.00.

8. Model numbers, catalog cuts, descriptive literature and detailed specifications on all items **MUST** be included as part of your bid if bidding items other than specified. Failure to submit any of the above may be sole cause for rejection of bid on that particular item. Bidders may be required to submit samples on specific items if bidding other than specified. All samples shall be delivered to the St. Charles Parish School Board Warehouse, 165 School Board Lane, Luling, Louisiana, WITHIN THREE DAYS OF NOTIFICATION.

Samples shall be labeled as to the name brand, manufacturer, and bidder. Samples must be picked up within 10 days of notification or samples will become the property of St. Charles Parish Public Schools. Failure to submit samples may be sole cause for rejection of bid on that particular item.

9. Material Safety Data Sheets are required for each chemical product bid and must be submitted with bid. Failure to submit MSDS sheet with bid may be cause for rejection of that particular item. The chemicals shall be contained in compatible, stable packaging, which bears a batch number, which will permit identification of the date, time, and location of the manufacturer of that specific batch of product.

10. Quantities listed on this bid will be ordered between March 24, 2017, and March 23, 2018. The quantities on the bid form are estimates and represent estimated requirements for the entire year. Orders will be placed on an "as needed" basis.

11. Preference, in accordance with Louisiana Revised Statute 38:2251, will be given to Louisiana products, materials, supplies or equipment. As a bidder you **MUST** indicate on your bid response that the product for which you are claiming this preference meets the criteria of a Louisiana product.

12. It is the intent of the specifications to invite bids on high quality merchandise. Mentioning a brand, manufacturer, and number is done only to establish the standard of quality desired. It is not the intent to eliminate brands

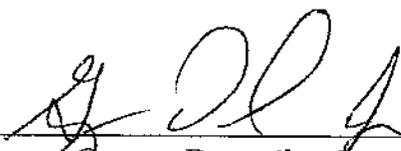
of equal quality but instead to set forth and convey to prospective bidders the general style, type, character, and quality of the product desired.

13. The School Board reserves the right to select a higher priced item where, in the judgment of the School Board, such item is of superior quality or designs or would be more suitable for the purpose intended. The School Board further reserves the right to reject any and all bids, adjust quantities by increasing or decreasing and to waive all informalities.

14. The School Board reserves the right to buy any of the bid items from State Contract or State approved Purchasing Cooperative, if those prices are more favorable.

15. The School Board may take samples at random from containers and submit to an accredited laboratory to determine if the delivered merchandise meets all specification requirements. If merchandise does not meet the requirements, it will be rejected with supplier being charged for cost of laboratory analysis. The School Board will purchase materials to replace those rejected at the market price and the difference will be charged against the bidder or his bondsman. In the future, bids will not be accepted from supplier delivering merchandise that has been rejected.

ST. CHARLES PARISH SCHOOL BOARD

By   
George Dunmiles, Jr.  
Purchasing

**ST. CHARLES PARISH SCHOOL BOARD**

**SPECIFICATIONS AND BID FORM**  
**ON JANITORIAL SUPPLIES**

**2017-2018**

1. **WASTE RECEPTACLES (PLASTIC) - (650001)** - 50-Gallon, double ribbed base, round corners, heavy-duty plastic, seamless construction, interlocking handles, attached hinge lid, built-in 8" rubber wheels. **TO BE AS RUBBERMAID BRUTE BIGWHEEL NO. 3559 PLASTIC CONTAINER OR EQUAL.**

Quantity: Approximately 40 each

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

**NO BID**

2. **WASTEBASKETS (PLASTIC - CLASSROOM SIZE) - (650003)** - 41 1/4-Quart heavy-duty plastic, seamless construction, 15 1/4"Wx11"Dx19 7/8"H. **TO BE AS RUBBERMAID NO. 2957 CLASSROOM TRASH CANS OR EQUAL.**

Quantity: Approximately 322 each

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

**NO BID**

3. **CAN LINERS (24x33) - (650004)** - Can liner black interleaved coreless rolls, low density material .35mil., 24"x33", 12-16 gallons, 1000 count per box (20/50). . Net poly case weight 18.4 lbs. **TO BE AS Inter-Plast NO. IG-SL2433LTK CAN LINER OR EQUAL. We will only order one (1) pallet at a time.**

Quantity: Approximately 282 boxes

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

**NO BID**

4. **CAN LINERS (38x58) - (650005)** - Extra heavy weight interleaved coreless rolls, .90 mil., 38" x58" 60 gallons, 100 count per box. Net poly case weight 13.3 LBS. **TO BE AS Inter-Plast NO. IG-SL3858XPK DRUM CAN LINER OR EQUAL. NO REPROCESSED MATERIAL. We will only order one (1) pallet at a time.**

Quantity: Approximately 1900 boxes

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

**NO BID**

5. **CAN LINERS (40x46) - (65006)** -Extra Heavy Weight Interleaved coreless rolls, .90 mil., 40"x46", 40-50 gallons, 100 count per box (20/50). Net poly case weight 11.1 lbs. TO BE AS Inter-Plast NO. IG-SL4046XPK CAN LINER OR EQUAL. NO REPROCESSED MATERIAL. **We will only order one (1) pallet at a time.**

Quantity: Approximately 1200 boxes

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

**NO BID**

6. **SANITARY NAPKIN BAGS - (650007)** - 12 3/4" x 7 1/2" x 7 ε", Waxed; 500 bags per case, to fit all wall mounted disposable units. TO BE AS SANISAC NO. 77 LINERS OR EQUAL.

Quantity: Approximately 30 cases

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

**NO BID**

7. **BROOMS - (PARLOR) - (651011)** - 100% corn fibers, wire wound, 42" painted handle. TO BE AS ROYAL BROOM NO. RB9902 OR EQUAL.

Quantity: Approximately 150 each

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

**NO BID**

8. **MOPS-(DECK) - (651020)** - All purpose 100% cotton, 16 oz., 4-ply wire wound on smooth 48" handle. TO BE AS NO. 16 ABCO DECKMOP OR EQUAL.

Quantity: Approximately 60 each

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

**NO BID**

9. **TOILET BOWL BRUSH - (652013)** - Polypropylene is twisted in wire and shaped to clean interior bowl surfaces; plastic handle; hang up hole. TO BE AS PROLINE BOWL BRUSH BRU 6217 OR EQUAL.

Quantity: Approximately 113 each

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

**NO BID**

10. **TOILET BOWL MOP (with ringer) - (652015)** - All purpose 100% cotton on smooth 22" handle with hanger & ringer

Quantity: Approximately 64 each

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

11. **MOP HEADS (GENERAL PURPOSE) - (651022)** - 20 oz. cotton pinn with screw connection to be used with Item 13. Below. **TO BE AS WILEN No. 20WI-CL20 OR EQUAL.**

Quantity: Approximately 80 each

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

12. **MOP HEADS (FINISH) - (651024)** - 20 oz., 4-ply rayon pinn with screw connection; to be used with Item 13. below. **TO BE AS WILEN MOP HEADS NO. RM-32205 OR EQUAL. WITH NO WIRING.**

Quantity: Approximately 140 each

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

13. **MOP HANDLES - (651026)** - Metal threaded connector countersunk into 60" hard wood handle for easy screw-on attachment to mop head. To fit items 11. and 12. above.

Quantity: Approximately 280 each

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

14. **LOBBY DUSTPAN WITH HANDLES - (651015)** - 5 3/4" x 12" x 36" **TO BE AS RUBBERMAID NO. 2007 LOBBY DUST PAN WITH HANDLES OR EQUAL.**

Quantity: Approximately 202 each

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

15. **FLOOR FINISH - (653020)** - Metal-complexed synthetic polymer floor finish, non-volatile, storage stability, slip resistance, for use on all floors except unsealed wood or cork, Covers 2000-2500 sq.ft. per gallon; **must be in 5-gallon boxes**. TO BE AS JOHNSON DIVERSEY'S COMPLETE OR EQUAL.

Quantity: Approximately 600 - 5 gallon boxes (MSDS REQUIRED)

Brand Name \_\_\_\_\_ Unit Price \_\_\_\_\_  
Stock Number \_\_\_\_\_ Total Price NO BID  
Unit of Issue \_\_\_\_\_

16. **FLOOR STRIPPER - (653022)** - Concentrated, liquid wax stripper, penetrates old and dirty metal complexed polymer emulsion finishes to permit their subsequent removal by a mop or scrubbing machine; for use on and not harmful to any type of hard, resilient flooring, phosphate free, biodegradable surfactants, non-volatile, **must be in 5-gallon boxes**. TO BE AS JOHNSON DIVERSEY BRAVO EXTRA HEAVY DUTY STRIPPER OR EQUAL.

Quantity: Approximately 343 - 5 gallon boxes (MSDS REQUIRED)

Brand Name \_\_\_\_\_ Unit Price \_\_\_\_\_  
Stock Number \_\_\_\_\_ Total Price NO BID  
Unit of Issue \_\_\_\_\_

17. **BLEACH - (656023)** - 5.25% sodium Hypochlorite, 1-gallon containers. TO BE AS CLOROX BLEACH OR EQUAL.

Quantity: Approximately 1800 - 1 gallon containers (MSDS REQUIRED)

Brand Name \_\_\_\_\_ Unit Price \_\_\_\_\_  
Stock Number \_\_\_\_\_ Total Price NO BID  
Unit of Issue \_\_\_\_\_

18. **POWDER CLEANSER - (656024)** - Chlorine cleanser containing color active bleach, should not contain any phosphates; 21 oz. containers. TO BE AS COMET DISINFECTANT CLEANSER WITH CHLORINAL OR EQUAL.

Quantity: Approximately 72 - 21 oz. Containers (MSDS REQUIRED)

Brand Name \_\_\_\_\_ Unit Price \_\_\_\_\_  
Stock Number \_\_\_\_\_ Total Price NO BID  
Unit of Issue \_\_\_\_\_

19. TOILET BOWL CLEANER - (652025) - Acid free bathroom cleanser, germicide, disinfectant, deodorizer; quart containers. TO BE AS ALLSTAR NON-ACID RESTROOM CLEANER RTU NO. U 15272 OR EQUAL.

Quantity: Approximately 218 - 1 quart containers (MSDS REQUIRED)

Brand Name \_\_\_\_\_ Unit Price \_\_\_\_\_  
Stock Number \_\_\_\_\_ Total Price NO BID  
Unit of Issue \_\_\_\_\_

20. DEFOAMER - (653040) - Water-based, complex defoamer stabilized with a blend of organic and inorganic silicone for maximum defoaming, 32oz. container. TO BE AS JOHNSON DIVERSEY DEFOAMER OR EQUAL.

Quantity: Approximately 45 - 32 oz. Containers (MSDS REQUIRED)

Brand Name \_\_\_\_\_ Unit Price \_\_\_\_\_  
Stock Number \_\_\_\_\_ Total Price NO BID  
Unit of Issue \_\_\_\_\_

21. PAPER TOWELS - (654027) - Single-fold bleach towel, 10 ¼ x 9 ¼ open size; 250 sheets per pack, 16 packs per case 24.2# Cs. Wt.; TO BE AS SCA-SB1840 PAPER TOWELS OR EQUAL.

Quantity: Approximately 1628 cases

Brand Name \_\_\_\_\_ Unit Price \_\_\_\_\_  
Stock Number \_\_\_\_\_ Total Price NO BID  
Unit of Issue \_\_\_\_\_

22. TOILET TISSUE - (654030) - 2-ply toilet tissue 4.5 x 4.5, 500 sheets per roll, 96 rolls per case, 44.8 pound Case Weight. TO BE AS Georgia Pacific GP-19800 TOILET TISSUE OR EQUAL.

Quantity: Approximately 31 cases

Brand Name \_\_\_\_\_ Unit Price \_\_\_\_\_  
Stock Number \_\_\_\_\_ Total Price NO BID  
Unit of Issue \_\_\_\_\_

23. WIPERS - (654036) - All purpose wipers 12.5" x 14.4," quarter fold, 56 wipers per pack; 18 packs per case. TO BE AS KIMBERLY-CLARK WYP-ALL NO. 0570110 ALL PURPOSE WIPERS OR EQUAL.

Quantity: Approximately 3000 packs

Brand Name \_\_\_\_\_ Unit Price \_\_\_\_\_  
Stock Number \_\_\_\_\_ Total Price NO BID  
Unit of Issue \_\_\_\_\_

24. VANDALISM MARK REMOVER PRE-MOISTENED TOWELS - (656048)  
One-step cleaning system removes graffiti and spray paint from signage, stainless steel, glass, lockers, vinyl upholstery, vehicles and buses, 10 1/2"x12 1/4" pre-moistened towels, 30 per container. TO BE AS ITW DYMON SCRUBS, OR EQUAL.

Quantity: Approximately 300 - Containers (MSDS REQUIRED)

Brand Name NO BID Unit Price NO BID  
Stock Number NO BID Total Price NO BID  
Unit of Issue NO BID

25. CHEWING GUM REMOVER - (656031) - Freezes gum and candle wax for easy removal, 7 oz. Aerosol cans. TO BE AS ALLSTAR GUM REMOVER OR EQUAL.

Quantity: Approximately 200 - 7 oz. Cans (MSDS REQUIRED)

Brand Name NO BID Unit Price NO BID  
Stock Number NO BID Total Price NO BID  
Unit of Issue NO BID

26. WASP AND HORNET SPRAY - (655032) - Indoor and outdoor use, 16' stream, conductivity = 40,100 volts, 11 oz. cans. TO BE AS ALLSTAR ASR-600 WASP AND HORNET SPRAY OR EQUAL.

\*Lesco Wasp & Hornet Spray

Quantity: Approximately 1000 - 11 oz. Cans (MSDS REQUIRED)

Brand Name Lesco Wasp & Hornet Unit Price \$4.50 per 14oz. can  
Stock Number #10076057 Total Price \$4500.00 per 1000x14oz.  
Unit of Issue 14oz. can

27. FURNITURE POLISH - (656033) - Provides luster that helps protect wood and other surfaces against ordinary wear, resists smears, fingerprints, smudges and common oil-based marks, 15 oz. Aerosol can. TO BE AS JOHNSON SHINE-UP FOR INSTITUTIONAL AND COMMERCIAL USE FURNITURE POLISH OR EQUAL.

Quantity: Approximately 384- 15 oz. cans (MSDS REQUIRED)

Brand Name NO BID Unit Price NO BID  
Stock Number NO BID Total Price NO BID  
Unit of Issue NO BID

28. URINAL BLOCKS (ROUND) - (652036) - Deodorizing, 3.0 oz. individually wrapped, ingredients: paradichlorobenzene. TO BE AS FRESH PRODUCTS URINAL BLOCKS (ROUND) NO. 92175 OR EQUAL.

Quantity: Approximately 110 dozen (MSDS REQUIRED)

Brand Name NO BID Unit Price NO BID  
Stock Number NO BID Total Price NO BID  
Unit of Issue NO BID

\* Alternate / Equal, see attached label

29. URINAL BLOCKS (WALL)- (652038) - Deodorizing, 16 oz. individually wrapped, with holder, ingredients: paradichlorobenzene. TO BE AS FRESH PRODUCTS NO. 98014 OR EQUAL.

Quantity: Approximately 114 boxes (MSDS REQUIRED)

Brand Name \_\_\_\_\_ Unit Price \_\_\_\_\_  
Stock Number \_\_\_\_\_ Total Price NO BID  
Unit of Issue \_\_\_\_\_

30. ANT POISON - (655040) - 5% DURSBAN granules in ready to use form; one bag should cover 5000 sq. ft. TO BE AS PENNINGTON'S PRIDE FIRE ANT GRANULES OR EQUAL. \*Crosscheck PI Granular

Quantity: Approximately 344 - 10# bags (MSDS REQUIRED)

Brand Name LESCO Crosscheck Plus Unit Price \$13.34 per 25LB. bag  
Stock Number #10056566 Gran- Total Price \$1840.92 per 138 bags  
Unit of Issue 25 LB. bag

31. BUCKET & WRINGER COMBINATION - (651028) - Dual pack bucket and wringer; 8 gallon/32 liters with 3" casters. TO BE AS IMPACT NO. 6000/2635-3 OR EQUAL.

Quantity: Approximately 35 sets

Brand Name \_\_\_\_\_ Unit Price \_\_\_\_\_  
Stock Number \_\_\_\_\_ Total Price NO BID  
Unit of Issue \_\_\_\_\_

32. SOAP PADS (656042) - Steel wool soap pads 2"x4", 10 pads per box, biodegradable surfactants for institutional use, hotel size. TO BE AS BRILLO SOAP PADS HOTEL SIZE OR EQUAL.

Quantity: Approximately 600 boxes (MSDS REQUIRED)

Brand Name \_\_\_\_\_ Unit Price \_\_\_\_\_  
Stock Number \_\_\_\_\_ Total Price NO BID  
Unit of Issue \_\_\_\_\_

33. ABSORBENT (POWDERED) (656043) - Powder capable of absorbing body fluid spills, diesel fuel spills, gasoline spills, and other hazardous chemical spills; 1# bags. TO BE AS SOAK IT ABSORBENT OR EQUAL.

Quantity: Approximately 484 - 1# bags (MSDS REQUIRED)

Brand Name \_\_\_\_\_ Unit Price \_\_\_\_\_  
Stock Number \_\_\_\_\_ Total Price NO BID  
Unit of Issue \_\_\_\_\_

\* Alternate/Equal, see attached label

34. DUSTERS (FEATHER) - (656046) - 14" overall length, ostrich feather dusters; handles with hang up holes. TO BE AS DUSTER CATS DUS14FD OR EQUAL.

Quantity: Approximately 101 each

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

35. NEUTRAL - PH - DISINFECTANT CLEANER - (653092) - Neutral cleaner with disinfectant. Must kill HIV-1 on pre-cleaned environmental surfaces or objects previously soiled with blood/ body fluids. TO BE AS HI-TECH CITRUS DISINFECTANT CLEANER OR EQUAL.

Quantity: Approximately 136 - 5 gallon containers (MSDS REQUIRED)

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

36. CARPET SPOTTER (GENERAL PURPOSE) - (653063) - General purpose carpet spot remover; 1 quart container. TO BE AS JOHNSON DIVERSEY GENERAL PURPOSE SPOTTER OR EQUAL.

Quantity: Approximately 288 - 1 quart containers (MSDS REQUIRED)

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

37. SPRAY BOTTLE W/TRIGGER (PLASTIC) - (656050) - 32-oz. plastic spray bottle with trigger

Quantity: Approximately 474 each

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

38. BOMB FOGGER - (655052) - Combination of two synthetic pyrethroids for total release lock down against flying and crawling insects. Special lock down valve allows the contents to be sprayed manually or automatically. One can treats up to 6,000 cubic feet. water-based formula has low residual odor and contains no chlorinated solvents or ozone depleters. USDA F2 Rated; 16 oz. can. TO BE AS PYRETHRIN FOGGER OR EQUAL. MUST BE STATE CERTIFIED TO SPRAY IN SCHOOLS AND CAFETERIAS. *\* Pyrethrin Fogger*

Quantity: Approximately 252 - 16 oz. cans

(MSDS REQUIRED)

Brand Name FMC Pyrethrin Fogger  
Stock Number #10058237  
Unit of Issue 5oz. container

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

\$5.01 per 5oz container  
\$4043.07 per 807 containers

*\* Alternate / Equal, see attached label*



39. **BAIT STATIONS (ROACH) - (655053)** - Professional insect control roach bait stations, odorless, packaged in child resistant bait stations. **TO BE AS COMBAT ROACH KILLER BAIT STATIONS OR EQUAL.**

*\* MaxForce FC Roach Bait Stations*

Quantity: Approximately 72 each (MSDS REQUIRED)

Brand Name	<u>MaxForce FC Roach</u>	Unit Price	<u>\$36.59 per 72 trays</u>
Stock Number	<u>#80221541</u>	Total Price	<u>\$36.59 per 72 trays</u>
Unit of Issue	<u>1x72 Trays</u>		

40. **DETERGENT (DISHWASHING LIQUID) - (656054)** - Food service formula containing anionic and nonionic surfactants and ethanol. Appearance: Yellow liquid with lemon odor, 50-oz. container. **TO BE AS LEMON SCENT JOY OR EQUAL.**

Quantity: Approximately 466 - 42 oz. containers (MSDS REQUIRED)

Brand Name	_____	Unit Price	<u>NO BID</u>
Stock Number	_____	Total Price	<u>NO BID</u>
Unit of Issue	_____		

41. **AIR FRESHENER/DISINFECTANT - (652096)** - 20oz. Aerosol can, eliminates stale, musty odors. Must kill HIV-1 and Herpes Simplex type II Fungicidal and Virucidal. **TO BE AS Linen Fresh Disinfectant Spray OR EQUAL.**

Quantity: Approximately 1536 - 13 oz. cans (MSDS REQUIRED)

Brand Name	_____	Unit Price	<u>NO BID</u>
Stock Number	_____	Total Price	<u>NO BID</u>
Unit of Issue	_____		

42. **GLUE TRAPS FOR RATS - (655057)** - Non-poisonous glue traps for rats, mice and insects, non-drying, non-flowing glue retains holding power, plastic trays allow for clean, easy handling. **TO BE AS EATON'S STICK-EM GLUE TRAPS OR EQUAL.**

Quantity: Approximately 465 packs (MSDS REQUIRED)

Brand Name	<u>Eaton Stick-EM Rat &amp; mouse Gluetrap.</u>	Unit Price	<u>\$2.05</u>
Stock Number	<u>#111PRE</u>	Total Price	<u>\$953.25 per 465</u>
Unit of Issue	<u>each</u>		

43. **WHITE BOARD CLEANER - (656058)** - White board cleaner for dry erase surfaces, porcelanized enamel, melamine, and Expo surfaces; 8 oz. plastic pump spray bottles. **TO BE AS SANFORD EXPO NO. 81803 OR EQUAL.**

Quantity: Approximately 876 each (MSDS REQUIRED)

Brand Name	_____	Unit Price	<u>NO BID</u>
Stock Number	_____	Total Price	<u>NO BID</u>
Unit of Issue	_____		

*\* Alternate / Equal, See attached label*



44. INSECTICIDE (WATER BASE) - (655059) - A residual, water based space and surface spray for the control of flying and crawling insects. For use indoors and outdoors; non-objectionable odor; rated with a specific gravity of 1.0; one gallon container. **TO BE AS ALLSTAR RESIDUAL WATER BASED INSECTIDE OR EQUAL.**

\* Crosscheck Plus Tip N Pour

Quantity: Approximately 344 - 1 gallon containers (MSDS REQUIRED)

Brand Name	<u>Lesco Crosscheck Plus</u>	Unit Price	<u>\$ 31.07 per 1 Gal.</u>
Stock Number	<u>#10062152</u>	Total Price	<u>\$ 10688.08 per 344 Gals.</u>
Unit of Issue	<u>1 Gal.</u>		

45. TOILET TISSUE ROLLS (JUNIOR JUMBO) - (654032) - Junior Jumbo toilet tissue roll, white 2-ply, 12" x 1000', Case Wt. 25.7lbs. (3.7" x 1000') 12 rolls/case. **TO BE AS SCA- TJ0922 OR EQUAL.**

Quantity: Approximately 1010 cases

Brand Name	_____	Unit Price	<u>NO BID</u>
Stock Number	_____	Total Price	<u>NO BID</u>
Unit of Issue	_____		

46. ANT BAITES - (655066) - Effective against Pharaoh, Argentine, Cornfield Ants; child resistant; to contain N-Ethyl perfluorooctanesulfonamide at .50%, 24 baits per box. **TO BE AS PROCONTROL DUAL CHOICE ANT BAITES OR EQUAL.**

Quantity: Approximately 126 boxes (MSDS REQUIRED)

Brand Name	_____	Unit Price	<u>NO BID</u>
Stock Number	_____	Total Price	<u>NO BID</u>
Unit of Issue	_____		

47. GLASS & WINDOW CLEANER - (656070) - Liquid glass and window cleaner; USDA C-1 classification; ready to use; one gallon container; non-streaking, non-smearing, fortified with ammonia; 10.5 pH. **TO BE AS HI-TECH SPARKLE OR EQUAL.**

Quantity: Approximately 104 - 1 gallon containers (MSDS REQUIRED)

Brand Name	_____	Unit Price	<u>NO BID</u>
Stock Number	_____	Total Price	<u>NO BID</u>
Unit of Issue	_____		

\* Alternate/Equal, see attached label

48. **PADS (BLACK STRIPPING - 20") - (658007) - High Productivity stripping pads; 5 pads per case. TO BE AS 3M 7300 20" BLACK STRIPPING PADS OR EQUAL.**

Quantity: Approximately 100 cases

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

49. **PADS (RED BUFFING - 20") - (658009) - Red buffer pads; 5 pads per case. TO BE AS 3M 5100 20" RED BUFFER PADS OR EQUAL.**

Quantity: Approximately 6 cases

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

50. **PADS (BEIGE BUFFING - 20") - (658010) - Beige buffing pads; 5 pads per case. TO BE AS 3M 4200 20" BEIGE BUFFER PADS OR EQUAL.**

Quantity: Approximately 11 cases

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

51. **PADS (GREEN SCRUBBING - 20") - (658008) - Green scrubbing pads for scrubbing and cleaning; 5 pads per case. TO BE AS 3M SCOTCH BRITE 20" GREEN SCRUBBING PADS OR EQUAL.**

Quantity: Approximately 14 cases

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

52. **PADS (HOG'S HAIR - 27") - (658030) - Hog's Hair pads for burnishing; 2 pads per case. TO BE AS AMERICO 20" 401727 HOG'S HAIR BURNISHING PADS 27" OR EQUAL.**

Quantity: Approximately 10 cases

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

53. **BROOM ANGLER - (651012)** -Jumbo Angler Broom, 12" wide flagged bristles fully washable fibers 42" handle TO BE AS Metropolitan House wares # 1123lg OR EQUAL.

Quantity: Approximately 174 each

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

54. **TOWEL CABINET SINGLE FOLD - (654028)** HEAVY DUTY SINGLE FOLD TOWEL DISPENSER TO FIT SINGLE FOLD TOWEL ( STOCK # 50027). TO BE AS CONTINENTAL # 630 OR EQUAL.

Quantity: Approximately 166 each

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

55. **9" JUMBO BATH TISSUE DISPENSER - (654034)** 9" JUMBO BATH TISSUE DISPENSER WITH SMOKE COLORED COVER TO FIT MAIN STREET JUMBO ROLL TISSUE ( STOCK # 50060). TO BE AS SCA ECLIPSE QUICKVIEW 66T OR EQUAL.

Quantity: Approximately 146 each

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

56. **PADS (Green Scrubbing - 17") - (658001)** - Green scrubbing pads for scrubbing and cleaning; 5 pads per case.

Quantity: Approximately 9 cases

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

57. **PADS (HOG'S HAIR - 20") - (658012)** - Hog's Hair pads for burnishing; 5 pads per case.

Quantity: Approximately 26 cases

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

58. PADS (BLUE ICE BURNISHING - 20") - (658014) - Blue Ice pads for Burnishing; 5 pads per case.

Quantity: Approximately 29 cases

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

59. Enzyme Odor Eliminator - (652100) Multi-purpose Enzyme odor eliminator with pleasant scent, to be used on carpet and tile surfaces, biodegradable, must be effective on organic matter. Must be suitable for school setting. **TO BE AS Synergy System Odor Eliminator**

Quantity: Approximately 142 cases (MSDS REQUIRED)

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

60. Coffee Stirrers - (080045) - 1000/box

Quantity: Approximately 5 cases (MSDS REQUIRED)

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

61. 9in. plate, Styrofoam black - (080025) - 125/SL

Quantity: Approximately 34 cases (MSDS REQUIRED)

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

62. 9oz Clear Plastic Cup - (080015) - 25/SL

Quantity: Approximately 5 cases (MSDS REQUIRED)

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

63. Maxi Pads (regular) - (717002) - 250/CASE

Quantity: Approximately 20 cases (MSDS REQUIRED)

Brand Name \_\_\_\_\_

Unit Price \_\_\_\_\_

Stock Number \_\_\_\_\_

Total Price \_\_\_\_\_

Unit of Issue \_\_\_\_\_

NO BID

64. Hand Sanitizer Touch Free Refill - (652040)

Quantity: Approximately 26 cases (MSDS REQUIRED)

Brand Name \_\_\_\_\_

Unit Price \_\_\_\_\_

Stock Number \_\_\_\_\_

Total Price \_\_\_\_\_

Unit of Issue \_\_\_\_\_

NO BID

65. Disposable Vinyl Gloves - (717043) - Medium 100/BOX

Quantity: Approximately 112 cases (MSDS REQUIRED)

Brand Name \_\_\_\_\_

Unit Price \_\_\_\_\_

Stock Number \_\_\_\_\_

Total Price \_\_\_\_\_

Unit of Issue \_\_\_\_\_

NO BID

66. Disposable Vinyl Gloves - (717044) - Large 100/BOX

Quantity: Approximately 74 cases (MSDS REQUIRED)

Brand Name \_\_\_\_\_

Unit Price \_\_\_\_\_

Stock Number \_\_\_\_\_

Total Price \_\_\_\_\_

Unit of Issue \_\_\_\_\_

NO BID

67. Disposable Vinyl Gloves - (717045) - Extra Large 100/BOX

Quantity: Approximately 18 cases (MSDS REQUIRED)

Brand Name \_\_\_\_\_

Unit Price \_\_\_\_\_

Stock Number \_\_\_\_\_

Total Price \_\_\_\_\_

Unit of Issue \_\_\_\_\_

NO BID

68. Gloves Multi Purpose - (656092) - Extra Large

Quantity: Approximately 168 pairs (MSDS REQUIRED)

Brand Name \_\_\_\_\_

Unit Price \_\_\_\_\_

Stock Number \_\_\_\_\_

Total Price \_\_\_\_\_

Unit of Issue \_\_\_\_\_

NO BID

69. Gloves Multi Purpose - (656090) - Large

Quantity: Approximately 108 pairs (MSDS REQUIRED)

Brand Name _____	Unit Price _____	<u>NO BID</u>
Stock Number _____	Total Price _____	
Unit of Issue _____		

70. Gloves Multi Purpose - (656088) - Medium

Quantity: Approximately 131 pairs (MSDS REQUIRED)

Brand Name _____	Unit Price _____	<u>NO BID</u>
Stock Number _____	Total Price _____	
Unit of Issue _____		

71. Fluorescent Bulbs - (660705) - 4 Foot

Quantity: Approximately 166 pairs (MSDS REQUIRED)

Brand Name _____	Unit Price _____	<u>NO BID</u>
Stock Number _____	Total Price _____	
Unit of Issue _____		

72. Fluorescent Bulbs - (660707) - 2 Foot 30/CASE

Quantity: Approximately 15 cases (MSDS REQUIRED)

Brand Name _____	Unit Price _____	<u>NO BID</u>
Stock Number _____	Total Price _____	
Unit of Issue _____		

73. Batteries - (103001) - 9 VOLT 12/PACK

Quantity: Approximately 94 packs (MSDS REQUIRED)

Brand Name <u>Durcell</u>	Unit Price <u>\$23.88 per 12</u>
Stock Number <u>#MN1604</u>	Total Price <u>\$2244.72 per 94 packs of 12</u>
Unit of Issue <u>PACK OF 12</u>	

74. Batteries - (103003) - AA (4 PACK)

Quantity: Approximately 2000 packs (MSDS REQUIRED)

Brand Name _____	Unit Price _____	<u>NO BID</u>
Stock Number _____	Total Price _____	
Unit of Issue _____		

75. Batteries - (103004) - AAA (4 PACK)

Quantity: Approximately 1431 packs (MSDS REQUIRED)

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

76. Batteries - (103005) - C (12 PACK)

Quantity: Approximately 80 packs (MSDS REQUIRED)

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

77. Batteries - (103006) - D (12 PACK)

Quantity: Approximately 117 packs (MSDS REQUIRED)

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

78. Dust Mop Handles - (657000)

Quantity: Approximately 54 each (MSDS REQUIRED)

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

79. Disposable Dust Mops - (657005) - 24x5

Quantity: Approximately 78 cases (MSDS REQUIRED)

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

80. Disposable Dust Mops - (657010) - 36x5

Quantity: Approximately 39 cases (MSDS REQUIRED)

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

81. Disposable Dust Mops - (657015) - 48x5

Quantity: Approximately 13 cases (MSDS REQUIRED)

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

82. Disposable Dust Mops - (657020) - 60x5

Quantity: Approximately 6 cases (MSDS REQUIRED)

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

83. Dust Mop Frames - (657025) - 24x5

Quantity: Approximately 4 cases (MSDS REQUIRED)

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

84. Dust Mop Frames - (657030) - 36x5

Quantity: Approximately 3 cases (MSDS REQUIRED)

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

85. Dust Mop Frames - (657035) - 48x5

Quantity: Approximately 4 cases (MSDS REQUIRED)

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

86. Dust Mop Frames - (657040) - 60x5

Quantity: Approximately 2 cases (MSDS REQUIRED)

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

87. 8 oz Styrofoam Cup - (080000) -25/SL

Quantity: Approximately 33 cases (MSDS REQUIRED)

Brand Name _____	Unit Price _____	<u>NO BID</u>
Stock Number _____	Total Price _____	
Unit of Issue _____		

88. 20 oz Styrofoam Cup - (080010) - 20 CUPS PER SLEEVE/25 SLEEVES PER CASE

Quantity: Approximately 51 cases (MSDS REQUIRED)

Brand Name _____	Unit Price _____	<u>NO BID</u>
Stock Number _____	Total Price _____	
Unit of Issue _____		

89. 7 in. Plate Styrofoam White - (080020) - 125/SL

Quantity: Approximately 4 cases (MSDS REQUIRED)

Brand Name _____	Unit Price _____	<u>NO BID</u>
Stock Number _____	Total Price _____	
Unit of Issue _____		

90. 10 in. Plate, Styrofoam White - (080030) - 125/SL

Quantity: Approximately 12 cases (MSDS REQUIRED)

Brand Name _____	Unit Price _____	<u>NO BID</u>
Stock Number _____	Total Price _____	
Unit of Issue _____		

91. 6 in Plate, Black Plastic - (080035) - 125/SL

Quantity: Approximately 8 cases (MSDS REQUIRED)

Brand Name _____	Unit Price _____	<u>NO BID</u>
Stock Number _____	Total Price _____	
Unit of Issue _____		

92. Black Foam Bowl - (080037) - 125/SL

Quantity: Approximately 9 cases (MSDS REQUIRED)

Brand Name _____	Unit Price _____	<u>NO BID</u>
Stock Number _____	Total Price _____	
Unit of Issue _____		

93. 11.25x12.5 Napkin Lunch - (080040) - 500/PK

Quantity: Approximately 20 cases (MSDS REQUIRED)

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

94. Plastic Table Cover - (080050) - 40x300

Quantity: Approximately 16 rolls (MSDS REQUIRED)

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

95. Plastic Black Heavy Duty Forks - (080055) - 1000/BOX

Quantity: Approximately 27 boxes (MSDS REQUIRED)

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

96. Plastic Black Heavy Duty Spoons - (080060) - 1000/BOX

Quantity: Approximately 23 boxes (MSDS REQUIRED)

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

97. Plastic Black Heavy Duty Knives - (080065) - 1000/BOX

Quantity: Approximately 8 boxes (MSDS REQUIRED)

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

98. 16 in Black Plastic Cater Tray - (080070) -

Quantity: Approximately 3 cases (MSDS REQUIRED)

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

99. Gloves Clear Plastic Medium - (080075) - 100/BOX

Quantity: Approximately 13 cases (MSDS REQUIRED)

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

100. 6' Table Cloth Fitted with Elastic - (080080) -

Quantity: Approximately 15 cases (MSDS REQUIRED)

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

101. 8' Table Cloth Fitted with Elastic - (080085) -

Quantity: Approximately 13 cases (MSDS REQUIRED)

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

102. KITCHEN ROLL PAPER TOWELS - 2 PLY 11.0" X 8.0" SHEET SIZE  
85 SHEETS PER ROLL, 30 ROLLS PER CASE NET CASE WT 15.5LBS TO BE AS  
GEORGIA PACIFIC 27385 OR EQUAL

Quantity: Approximately 450 cases

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

103. FACIAL TISSUE - 2 PLY 8.0" X 8.33" SHEET SIZE 100 SHEETS PER BOX, 30  
BOXES PER CASE NET CASE WT 8.6LBS TO BE AS GEORGIA PACIFIC 48100 OR  
EQUAL

Quantity: Approximately 550 cases

Brand Name \_\_\_\_\_  
Stock Number \_\_\_\_\_  
Unit of Issue \_\_\_\_\_

Unit Price \_\_\_\_\_  
Total Price \_\_\_\_\_

NO BID

104. ZIPPER TOP QUART BAGS - 8"X8" LOW DENSITY POLY 2 MIL THICKNESS 1000 PER CASE .

Quantity: Approximately 600 cases

Brand Name _____	Unit Price _____
Stock Number _____	Total Price _____
Unit of Issue _____	

105. ZIPPER TOP GALLON BAGS - 12"X12" LOW DENSITY POLY 2 MIL THICKNESS 1000 PER CASE

Quantity: Approximately 600 cases

Brand Name _____	Unit Price _____
Stock Number _____	Total Price _____
Unit of Issue _____	

106. HAND SANITIZER- 12 OZ PUMP OR SQUEEZE BOTTLE, 12 BOTTLES PER CASE ACTIVE INGREDIENT MUST BE AT LEAST 62% ETHYL ALCOHOL. TO BE AS PURELL INSTANT HAND SANITIZER 9659 OR EQUAL.

Quantity: Approximately 220 CASES

Brand Name _____	Unit Price _____
Stock Number _____	Total Price _____
Unit of Issue _____	

107. BABYWIPES - PREMIUM GRADE HYPOALLERGENIC FRAGRANCE FREE 7" X 8" 80 WIPERS PER PACK 12 PACKS PER CASE PACK MUST BE ABLE TO DISPENSE WIPERS. NO REFILL PACKS WILL BE CONSIDERED . TO BE AS NICE'NCLEAN PREMIUM BABY WIPES OR EQUAL.

Quantity: Approximately 440 cases

Brand Name _____	Unit Price _____
Stock Number _____	Total Price _____
Unit of Issue _____	

LOUISIANA PREFERENCE CLAIMED ON ITEM NO.(s)\_\_\_\_\_.

**ALL EQUIPMENT MUST BE BRAND NEW - NO REFURBISHED  
EQUIPMENT WILL BE CONSIDERED.**

\* \* \* \* \*

BID SUBMITTED BY:

SiteOne Landscape Supply

Name of Company

2-22-17

Date

0%

Discount (If Applicable)

Bids • 1385 East 36<sup>th</sup> Street

Mailing Address

Dept • Cleveland, OH 44114

City, State, Zip Code

Molly Vorous

Typed Name of Representative

216-706-9250 ext 2550

Telephone Number

Molly M Vorous

Signature of Representative

248-581-1433

Fax Number

**NOTE:** The exterior shipping carton and interior containers shall be labeled to comply with Occupational Safety and Health Administration (OSHA) Right to Know law standards where required. A Material Safety Data Sheet shall be provided with all chemical products.

\* Local Branch:

**SiteOne Landscape Supply**

1690 South Ln

Mandeville, LA 70471

(985) 809-5011

**St. Charles Parish Public Schools**  
*School Addresses*

<b>WESTBANK</b>	<b>WESTBANK</b>
<p>Allemands Elementary            1471 WPS Rd. (Hwy. 632)            Des Allemands, LA 70030</p>	<p>Carver Elementary            337 Gum St.            Hahnville, LA 70057</p>
<p>Hahnville High School            200 Tiger Drive            Boutte, LA 70039</p>	<p>Lakewood Elementary            501 E. Heather Drive            Luling, LA 70070</p>
<p>Eual J. Landry Alternative School            108 Tiger Circle            Hahnville, LA 70057</p>	<p>Luling Elementary            904 Sugarhouse Road            Luling, LA 70070</p>
<p>J.B. Martin Middle            434 South Street            Paradis, LA 70080</p>	<p>Mimosa Park Elementary            222 Birch Street            Luling, LA 70070</p>
<p>R.J. Vial Elementary            510 Louisiana Street            Paradis, LA 70080</p>	<p>R.K. Smith            281 Sugarland Parkway            Luling, LA 70070</p>
<p>Satellite Center            Culinary Arts Kitchen            283 Sugarland Parkway            Luling, LA 70070</p>	

<i><b>EASTBANK</b></i>	<i><b>EASTBANK</b></i>
<p>Albert Cammon Middle 234 Pirate Drive St. Rose, LA 70087</p>	<p>Destrehan High School #1 Wildcat Lane Destrehan, LA 70047</p>
<p>Harry M. Hurst Middle 170 Road Runner Lane Destrehan, LA 70047</p>	<p>New Sarpy Elementary 103 Plantation Road Destrehan, LA 70047</p>
<p>Norco Elementary 102 Fifth Street Norco, LA 70079</p>	<p>St. Rose Elementary 230 Pirate Drive St. Rose, LA 70087</p>
<p>Ethel Schoeffner Elementary 140 Plantation Road Destrehan, LA 70047</p>	



**SAFETY DATA SHEET**  
LESCO Wasp & Hornet Plus

SDS #: 6594-1-A  
Revision date: 2015-02-25  
Format: NA  
Version 1

# LESCO®

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier**

Product Name                      LESCO Wasp & Hornet Plus

**Other means of identification**

Product Code(s)                      6594-1-A

**Recommended use of the chemical and restrictions on use**

Recommended Use:                      Insecticide

Restrictions on Use:                      Use as recommended by the label

**Manufacturer Address**

LESCO, Inc.  
1385 E. 36th Street  
Cleveland, OH 44114-4114  
(800) 347-4272 (General Information)

**Emergency telephone number**

For leak, fire, spill or accident emergencies, call:  
1 800 / 424 9300 (CHEMTREC - U.S.A.)  
1 703 / 527 3887 (CHEMTREC - Collect - All Other Countries)  
Medical Emergencies:  
1 800 / 331-3148 (PROSAR - U.S.A. & Canada)  
1 651 / 632-6793 (PROSAR - All Other Countries - Collect)

## 2. HAZARDS IDENTIFICATION

**Classification**

**OSHA Regulatory Status**

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin sensitization	Category 1
Aspiration toxicity	Category 1
Flammable liquids	Category 4

GHS Label elements, including precautionary statements

**EMERGENCY OVERVIEW**

**Danger**

**Hazard Statements**  
 H304 - May be fatal if swallowed and enters airways  
 H317 - May cause an allergic skin reaction



**Precautionary Statements - Prevention**

- P261 - Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray
- P272 - Contaminated work clothing should not be allowed out of the workplace
- P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking
- P280 - Wear protective gloves/ protective clothing/ eye protection/ face protection
- P302 + P352 - IF ON SKIN: Wash with plenty of water and soap
- P333 + P313 - If skin irritation or rash occurs: Get medical advice/ attention
- P363 - Wash contaminated clothing before reuse
- P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor
- P331 - Do NOT induce vomiting
- P370 + P378 - In case of fire: Use Foam. Carbon dioxide (CO2). Dry chemical. Water spray for extinction

**Precautionary Statements - Storage**

- P405 - Store locked up
- P403 + P235 - Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

- P501 - Dispose of contents/ container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

No hazards not otherwise classified were identified.

**Other Information**

Very toxic to aquatic life with long lasting effects

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical name	CAS-No	Weight %
Piperonyl butoxide	51-03-6	0.5
Permethrin	52645-53-1	0.25
Tetramethrin	7696-12-0	0.1
Petroleum distillates, hydrotreated light	64742-47-8	>80

Carbon Dioxide	124-38-9	2.5
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Synonyms are provided in Section 1.

**4. FIRST AID MEASURES**

<b>Eye Contact</b>	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 eye. Call a poison control center or doctor for further treatment advice.
<b>Skin Contact</b>	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice.
<b>Inhalation</b>	Move 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.
<b>Ingestion</b>	Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not induce vomiting or give anything by mouth to an unconscious person. Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not induce vomiting or give anything by mouth to an unconscious person.
<b>Most important symptoms and effects, both acute and delayed</b>	Allergic skin reactions.
<b>Indication of immediate medical attention and special treatment needed, if necessary</b>	Treat symptomatically. This product is a pyrethroid. If large amounts have been ingested, the stomach and intestines should be evacuated. Treatment is symptomatic and supportive. Digestible fats, oils, or alcohol may increase absorption and so should be avoided. Contains petroleum distillate. Vomiting may cause aspiration pneumonia.

**5. FIRE-FIGHTING MEASURES**

<b>Suitable Extinguishing Media</b>	Foam. Carbon dioxide (CO <sub>2</sub> ). Dry chemical. Water spray.
<b>Specific Hazards Arising from the Chemical</b>	Contents under pressure. Temperatures (>54.4°F) may cause bursting. Keep containers cool to avoid bursting. Combustible liquid. Contents under pressure.
<b>Explosion data</b>	
<b>Sensitivity to Mechanical Impact</b>	Yes.
<b>Sensitivity to Static Discharge</b>	Yes.
<b>Protective equipment and precautions for firefighters</b>	Wear self-contained breathing apparatus and protective suit.

**6. ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions</b>	Isolate and post spill area. Remove all sources of ignition. Ventilate the area. Wear suitable protective clothing, gloves and eye/face protection. For personal protection see section 8. If ventilation is not possible wear full protection suit and chemical protective equipment.
<b>Other</b>	For further clean-up instructions, call FMC Emergency Hotline number listed in Section 1 "Product and Company Identification" above.
<b>Environmental Precautions</b>	Keep people and animals away from and upwind of spill/leak. Keep material out of lakes, streams, ponds, and sewer drains.

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Transfer damaged cartridges or cans to containers for later disposal. Clean and neutralize spill area, tools and equipment by washing with bleach water and soap. Waste must be classified and labeled prior to recycling or disposal. Dispose of waste as indicated in Section 13. Rinsate may be disposed at a waste water treatment plant.

**7. HANDLING AND STORAGE**

**Handling** Do not contaminate other pesticides, fertilizers, water, food, or feed by storage or disposal. BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 130°F. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects.

**Storage** Keep in a dry, cool and well-ventilated place Keep away from open flames, hot surfaces and sources of ignition Keep out of reach of children and animals Keep/store only in original container

**Incompatible products** Strong oxidizing agents. Alkalis.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Control parameters

Chemical name	ACGIH TLV	OSHA PEL	NIOSH	Mexico
Carbon Dioxide 124-38-9	STEL: 30000 ppm TWA: 5000 ppm	TWA: 5000 ppm TWA: 9000 mg/m <sup>3</sup>	IDLH: 40000 ppm TWA: 5000 ppm TWA: 9000 mg/m <sup>3</sup> STEL: 30000 ppm STEL: 54000 mg/m <sup>3</sup>	Mexico: TWA 5000 ppm Mexico: TWA 9000 mg/m <sup>3</sup> Mexico: STEL 15000 ppm Mexico: STEL 27000 mg/m <sup>3</sup>
Chemical name	British Columbia	Quebec	Ontario TWAEV	Alberta
Petroleum distillates, hydrotreated light 64742-47-8	TWA: 200 mg/m <sup>3</sup> Skin	-	-	-
Carbon Dioxide 124-38-9	TWA: 5000 ppm STEL: 15000 ppm	TWA: 5000 ppm TWA: 9000 mg/m <sup>3</sup> STEL: 30000 ppm STEL: 54000 mg/m <sup>3</sup>	TWA: 5000 ppm STEL: 30000 ppm	TWA: 5000 ppm TWA: 9000 mg/m <sup>3</sup> STEL: 30000 ppm STEL: 54000 mg/m <sup>3</sup>

Appropriate engineering controls

**Engineering measures** Apply technical measures to comply with the occupational exposure limits. When working in confined spaces (tanks, containers, etc.), ensure that there is a supply of air suitable for breathing and wear the recommended equipment.

Individual protection measures, such as personal protective equipment

**Eye/Face Protection** For dust, splash, mist or spray exposure, wear chemical protective goggles.

**Skin and Body Protection** Wear long-sleeved shirt, long pants, socks, and shoes.

**Hand Protection** Protective gloves

**Respiratory Protection** For dust, splash, mist or spray exposures wear a filtering mask.

<b>Hygiene measures</b>	Clean water should be available for washing in case of eye or skin contamination. Wash skin prior to eating, drinking, chewing gum or using tobacco. Shower or bathe at the end of working. Remove and wash contaminated clothing before re-use. Launder work clothing separately from regular household laundry.
<b>General information</b>	If the product is used in mixtures, it is recommended that you contact the appropriate protective equipment suppliers. These recommendations apply to the product as supplied.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Appearance</b>	Aerosolized liquid
<b>Physical State</b>	Aerosol
<b>Color</b>	No information available
<b>Odor</b>	No information available
<b>Odor threshold</b>	No information available
<b>pH</b>	No information available
<b>Melting point/freezing point</b>	Not applicable
<b>Boiling Point/Range</b>	No information available
<b>Flash point</b>	> 76.7 °C / > 170 °F
<b>Evaporation Rate</b>	No information available
<b>Flammability (solid, gas)</b>	No information available
<b>Flammability Limit in Air</b>	
<b>Upper flammability limit:</b>	No information available
<b>Lower flammability limit:</b>	No information available
<b>Vapor pressure</b>	4913 mm Hg
<b>Vapor density</b>	No information available
<b>Density</b>	No information available
<b>Specific gravity</b>	0.78
<b>Water solubility</b>	Insoluble in water
<b>Solubility in other solvents</b>	No information available
<b>Partition coefficient</b>	No information available
<b>Autoignition temperature</b>	No information available
<b>Decomposition temperature</b>	No information available
<b>Viscosity, kinematic</b>	No information available
<b>Viscosity, dynamic</b>	No information available
<b>Explosive properties</b>	No information available
<b>Oxidizing properties</b>	No information available
<b>Molecular weight</b>	No information available
<b>Bulk density</b>	No information available

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	Not applicable
<b>Chemical Stability</b>	Stable.
<b>Possibility of Hazardous Reactions</b>	None under normal processing.
<b>Hazardous polymerization</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	Heat, flames and sparks
<b>Incompatible materials</b>	Strong oxidizing agents. Alkalis.
<b>Hazardous Decomposition Products</b>	Carbon oxides (COx).

## 11. TOXICOLOGICAL INFORMATION

**Product Information**

**Component Information**

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Piperonyl butoxide (51-03-6)	= 4570 mg/kg ( Rat )		
Tetramethrin (7696-12-0)			> 2500 mg/m <sup>3</sup> ( Rat ) 3 h
Petroleum distillates, hydrotreated light (64742-47-8)	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	> 5.2 mg/L ( Rat ) 4 h

**Information on toxicological effects**

**Symptoms** No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Chronic toxicity** Repeated or prolonged exposure may cause central nervous system effects. Chronic exposure to aromatic hydrocarbons may cause liver and kidney damage.  
**Mutagenicity** Piperonyl butoxide ether may affect mammalian liver microsomal detoxification enzymes.

**Carcinogenicity** Permethrin: Did not show mutagenic effects in animal experiments. Contains no ingredient listed as a carcinogen. Not recognized as carcinogenic by Research Agencies (IARC, NTP, OSHA, ACGIH).

**Neurological effects** Permethrin: Clinical signs of neurotoxicity include altered motor activity and FOB effects, with no signs of histopathology.

**Reproductive toxicity** Permethrin: No toxicity to reproduction in animal studies.

**Developmental toxicity** Permethrin: Not teratogenic in animal studies.

**STOT - single exposure** Not classified.

**STOT - repeated exposure** Not classified.

**Target organ effects** Mice fed 0.3 or 0.9% piperonyl butoxide in the diet for 20 days had increased liver weight and other signs of liver toxicity. Male rats given up to 2.4% of piperonyl butoxide in the diet for up to 12 weeks had clinical and histologic signs of liver damage; the highest dose group showed preneoplastic changes, including enlargement of hepatocyte nuclei and multinucleated cells. Kidney damage was also seen,

**Neurological effects** , Permethrin: Long-term feeding studies in animals resulted in increased liver and kidney weights, induction of the liver microsomal drug metabolizing enzyme system and histopathological changes in the lungs and liver.

Permethrin: Clinical signs of neurotoxicity include altered motor activity and FOB effects, with no signs of histopathology.

**Aspiration hazard** Potential for aspiration if swallowed. May be fatal if swallowed and enters airways.

Chemical name	ACGIH	IARC	NTP	OSHA
Piperonyl butoxide 51-03-6		Group 3		
Permethrin 52645-53-1		Group 3		

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Piperonyl butoxide (51-03-6)				
Active Ingredient(s)	Duration	Species	Value	Units

Piperonyl Butoxide	LC50	Fish	3.94	ppm
	LD50	Bee	25	ug/bee
	LD50	Bobwhite quail	>2250	mg/kg
	LD50	Mallard duck	>5620	ppm

Permethrin (52645-53-1)				
Active Ingredient(s)	Duration	Species	Value	Units
Permethrin	48 h EC50	Crustacea	0.001	mg/L
	72 h EC50	Algae	0.0125	mg/L
	96 h LC50	Fish	0.79	ug/L
	21 d NOEC	Crustacea	0.039	ug/L
	96 hr NOEC	Algae	0.9	ug/L
	21 d NOEC	Fish	0.3	ug/L

Chemical name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
Petroleum distillates, hydrotreated light 64742-47-8		96 h LC50: = 45 mg/L (Pimephales promelas) 96 h LC50: = 2.2 mg/L (Lepomis macrochirus) 96 h LC50: = 2.4 mg/L (Oncorhynchus mykiss)	

**Persistence and degradability** Permethrin: Moderately persistent, Does not readily hydrolyze, Not readily biodegradable.

**Bioaccumulation** Permethrin: The substance has a potential for bioconcentration.

**Mobility** Permethrin: Immobile, Not expected to reach groundwater.

**13. DISPOSAL CONSIDERATIONS**

**Waste disposal methods** Improper disposal of excess pesticide, spray mixture, or rinsate is prohibited. If these wastes cannot be disposed of by use according to label instructions, contact appropriate disposal authorities for guidance.

**Contaminated Packaging** Containers must be disposed of in accordance with local, state and federal regulations. Refer to the product label for container disposal instructions.

**California Hazardous Waste Codes** 232

**14. TRANSPORT INFORMATION**

**DOT** USDOT is requiring that products formerly classified as "Consumer Commodity, ORM-D" transition to "Limited Quantity" by 12/31/2020. During the transition period the 49CFR carton shipping marks may be Consumer Commodity (old) or Limited Quantity Diamond (new). Please prepare shipping documents to match the carton mark.

**Proper Shipping Name** Consumer commodity  
**Hazard class** ORM-D

**TDG**  
**UN/ID no** UN1950  
**Proper Shipping Name** Aerosols  
**Hazard class** 2.1  
**Description** UN1950, Aerosols, 2.2, Marine Pollutant

**ICAO/IATA**  
**UN/ID no** ID8000  
**Proper Shipping Name** Consumer commodity

Hazard class	9
<b>IMDG/IMO</b>	
UN/ID no	UN1950
Proper Shipping Name	Aerosols
Hazard class	2.1
EmS No.	F-D, S-U
Marine Pollutant	Permethrin
Description	UN1950, Aerosols, 2, Marine Pollutant

**15. REGULATORY INFORMATION**

**U.S. Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). 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-No	Weight %	SARA 313 - Threshold Values %
Piperonyl butoxide - 51-03-6	51-03-6	0.5	1.0
Permethrin - 52645-53-1	52645-53-1	0.25	1.0
Tetramethrin - 7696-12-0	7696-12-0	0.09999999	1.0

**SARA 311/312 Hazard Categories**

Acute health hazard	Yes
Chronic health hazard	Yes
Fire hazard	Yes
Sudden release of pressure hazard	Yes
Reactive Hazard	No

**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)

**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). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**FIFRA Information**

*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  
 Causes moderate eye irritation.  
 This product is toxic to fish, birds and other wildlife.*

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical name	New Jersey	Massachusetts	Pennsylvania
Piperonyl butoxide 51-03-6	X		
Permethrin 52645-53-1	X	X	
Tetramethrin 7696-12-0	X		
Carbon Dioxide 124-38-9	X	X	X

**International Inventories**

Component	TSCA (United States)	DSL (Canada)	EINECS/ELI NCS (Europe)	ENCS (Japan)	China (IECSC)	KECL (Korea)	PICCS (Philippines)	AICS (Australia)
Piperonyl butoxide 51-03-6 ( 0.5 )	X	X	X	X	X	X	X	X
Permethrin 52645-53-1 ( 0.25 )			X	X	X	X	X	X
Tetramethrin 7696-12-0 ( 0.1 )			X	X	X	X	X	X
Petroleum distillates, hydrotreated light 64742-47-8 ( >80 )	X	X	X	X	X	X	X	X
Carbon Dioxide 124-38-9 ( 2.5 )	X	X	X	X	X	X	X	X

Mexico - Grade Moderate risk, Grade 2

Chemical name	Mexico - Pollutant Release and Transfer Register - Reporting Emissions for Fabrication, Process or Use -Threshold Quantities	Pollutant Release and Transfer Register - Reporting Emissions - Threshold Quantities
Carbon Dioxide	100000	100000 kg/yr

WHMIS Hazard Class B3 - Combustible liquid



**16. OTHER INFORMATION**

NFPA	Health Hazards 2	Flammability 2	Instability 0	Special Hazards -
HMIS	Health Hazards 2	Flammability 2	Physical hazard 0	Personal Protection X

Revision date: 2015-02-25  
 Revision note: Format Change

Disclaimer

LESCO, Inc. believes that the information and recommendations contained herein (including data and statements) are accurate as of the date hereof. **NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, IS MADE CONCERNING THE INFORMATION PROVIDED HEREIN.** The information provided herein relates only to the specified product designated and may not be applicable where such product is used in combination with any other materials or in any process. Further, since the conditions and methods of use are beyond the control of LESCO, Inc., LESCO, Inc. expressly disclaims any and all liability as to any results obtained or arising from any use of the products or reliance on such information.

Prepared By:

FMC Corporation  
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**End of Safety Data Sheet**





Carcinogenicity	Category 1A
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**GHS Label elements, including precautionary statements**

**EMERGENCY OVERVIEW**

**Danger**

**Hazard Statements**  
 H317 - May cause an allergic skin reaction  
 H350 - May cause cancer



**Precautionary Statements - Prevention**

- P201 - Obtain special instructions before use
- P202 - Do not handle until all safety precautions have been read and understood
- P281 - Use personal protective equipment as required
- P261 - Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray
- P272 - Contaminated work clothing should not be allowed out of the workplace
- P280 - Wear protective gloves

**Precautionary Statements - Response**

- P308 + P313 - IF exposed or concerned: Get medical advice/ attention
- P302 + P352 - IF ON SKIN: Wash with plenty of water and soap
- P333 + P313 - If skin irritation or rash occurs: Get medical advice/ attention
- P363 - Wash contaminated clothing before reuse

**Precautionary Statements - Storage**

- P405 - Store locked up

**Precautionary Statements - Disposal**

- P501 - Dispose of contents/ container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

No hazards not otherwise classified were identified.

**Other Information**

Very toxic to aquatic life with long lasting effects

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Chemical Family** Pyrethroid Pesticide.

Chemical name	CAS-No	Weight %
Bifenthrin	82657-04-3	0.2
crystalline silica, quartz	14808-60-7	>95

Synonyms are provided in Section 1.

**4. FIRST AID MEASURES**

<b>Eye Contact</b>	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 eye. Call a poison control center or doctor for further treatment advice.
<b>Skin Contact</b>	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice.
<b>Inhalation</b>	Move 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.
<b>Ingestion</b>	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.
<b>Most important symptoms and effects, both acute and delayed</b>	Allergic skin reactions. Central nervous system effects.
<b>Indication of immediate medical attention and special treatment needed, if necessary</b>	Treat symptomatically. This product is a pyrethroid. If large amounts have been ingested, the stomach and intestines should be evacuated. Treatment is symptomatic and supportive. Digestible fats, oils, or alcohol may increase absorption and so should be avoided.

**5. FIRE-FIGHTING MEASURES**

<b>Suitable Extinguishing Media</b>	Use CO <sub>2</sub> , dry chemical, or foam.
<b>Specific Hazards Arising from the Chemical</b>	Powdered material may form explosive dust-air mixtures
<b>Explosion data</b>	
<b>Sensitivity to Mechanical Impact</b>	Not sensitive.
<b>Sensitivity to Static Discharge</b>	Not sensitive.
<b>Protective equipment and precautions for firefighters</b>	As in any fire, wear self-contained breathing apparatus and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions</b>	Isolate and post spill area. Remove all sources of ignition. Ventilate the area. Wear suitable protective clothing, gloves and eye/face protection. For personal protection see section 8.
<b>Other</b>	For further clean-up instructions, call FMC Emergency Hotline number listed in Section 1 "Product and Company Identification" above.
<b>Environmental Precautions</b>	Keep people and animals away from and upwind of spill/leak. Keep material out of lakes, streams, ponds, and sewer drains.
<b>Methods for Containment</b>	Use a wet sweeping compound or water to prevent dust formation.
<b>Methods for cleaning up</b>	Sweep up and shovel into suitable containers for disposal. Clean and neutralize spill area, tools and equipment by washing with bleach water and soap. Absorb rinsate and add to the collected waste. Waste must be classified and labeled prior to recycling or disposal. Dispose of waste as indicated in Section 13.

**7. HANDLING AND STORAGE**

<b>Handling</b>	Do not contaminate other pesticides, fertilizers, water, food, or feed by storage or disposal.
<b>Storage</b>	Keep in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Keep out of reach of children and animals. Store in original container.

Incompatible products: None known

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Control parameters

Chemical name	ACGIH TLV	OSHA PEL	NIOSH	Mexico
crystalline silica, quartz 14808-60-7	TWA: 0.025 mg/m <sup>3</sup>	-	IDLH: 50 mg/m <sup>3</sup> TWA: 0.05 mg/m <sup>3</sup>	Mexico: TWA 0.1 mg/m <sup>3</sup>
Chemical name	British Columbia	Quebec	Ontario TWAEV	Alberta
crystalline silica, quartz 14808-60-7	TWA: 0.025 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.10 mg/m <sup>3</sup>	TWA: 0.025 mg/m <sup>3</sup>

Appropriate engineering controls

**Engineering measures** Apply technical measures to comply with the occupational exposure limits. When working in confined spaces (tanks, containers, etc.), ensure that there is a supply of air suitable for breathing and wear the recommended equipment.

Individual protection measures, such as personal protective equipment

**Eye/Face Protection** For dust, splash, mist or spray exposure, wear chemical protective goggles.

**Skin and Body Protection** Wear long-sleeved shirt, long pants, socks, and shoes.

**Hand Protection** Protective gloves

**Respiratory Protection** For dust, splash, mist or spray exposures wear a filtering mask.

**Hygiene measures** Clean water should be available for washing in case of eye or skin contamination. Wash skin prior to eating, drinking, chewing gum or using tobacco. Shower or bathe at the end of working. Remove and wash contaminated clothing before re-use. Launder work clothing separately from regular household laundry.

**General information** If the product is used in mixtures, it is recommended that you contact the appropriate protective equipment suppliers. These recommendations apply to the product as supplied.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Information on basic physical and chemical properties

<b>Appearance</b>	Light tan to tan , Granules
<b>Physical State</b>	Solid
<b>Color</b>	cream to tan
<b>Odor</b>	Slight musty
<b>Odor threshold</b>	No information available
<b>pH</b>	No information available
<b>Melting point/freezing point</b>	Not applicable
<b>Boiling Point/Range</b>	No information available
<b>Flash point</b>	Not applicable
<b>Evaporation Rate</b>	No information available
<b>Flammability (solid, gas)</b>	No information available
<b>Flammability Limit in Air</b>	
<b>Upper flammability limit:</b>	No information available
<b>Lower flammability limit:</b>	No information available
<b>Vapor pressure</b>	No information available
<b>Vapor density</b>	No information available
<b>Density</b>	1.39 g/mL
<b>Specific gravity</b>	No information available

Water solubility	No information available
Solubility in other solvents	No information available
Partition coefficient	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Viscosity, kinematic	No information available
Viscosity, dynamic	No information available
Explosive properties	No information available
Oxidizing properties	No information available
Molecular weight	No information available
Bulk density	No information available

**10. STABILITY AND REACTIVITY**

Reactivity	None under normal use conditions
Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	None under normal processing.
Hazardous polymerization	Hazardous polymerization does not occur.
Conditions to avoid	Excessive heat. Keep away from open flames, hot surfaces and sources of ignition.
Incompatible materials	None known.
Hazardous Decomposition Products	Carbon oxides (COx), Hydrogen chloride, Hydrogen fluoride.

**11. TOXICOLOGICAL INFORMATION**

Product Information

LD50 Oral	> 5000 mg/kg (rat)
LD50 Dermal	> 2000 mg/kg (rabbit)
LC50 Inhalation	No information available
Serious eye damage/eye irritation	Non-irritating. Product dust may cause mechanical eye irritation.
Skin corrosion/irritation	Non-irritating.
Sensitization	Bifenthrin: May cause sensitization by skin contact.

Information on toxicological effects

Symptoms	Large doses of bifenthrin ingested by laboratory animals produced signs of toxicity including convulsions, tremors and bloody nasal discharge.
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Delayed and immediate effects as well as chronic effects from short and long-term exposure

Chronic toxicity	Bifenthrin: Long-term exposure caused neurotoxicity (tremors and impaired gait) in the early exposure in animal studies, but tremors disappeared with continued exposure.
Mutagenicity	Bifenthrin: Not genotoxic in laboratory studies.
Carcinogenicity	Bifenthrin: Weak treatment-related response for liver adenocarcinomas and benign bladder tumors (lesion) in male mice. This product contains crystalline silica (quartz) in a non-respirable form. Inhalation of crystalline silica is unlikely to occur from exposure to this product. However, if granules are pulverized or crushed into a fine, respirable powder, silica exposure via inhalation is probable.
Neurological effects	Bifenthrin: Causes clinical signs of neurotoxicity (tremors, impaired gait, excessive salivation) following acute or subchronic exposure. Tremors disappeared with continued exposure.
Reproductive toxicity	Bifenthrin: No toxicity to reproduction in animal studies.
Developmental toxicity	Bifenthrin: Not teratogenic in animal studies.
STOT - single exposure	Not classified.

**STOT - repeated exposure** Not classified.  
**Target organ effects** Bifenthrin: Central Nervous System.  
**Neurological effects** Bifenthrin: Causes clinical signs of neurotoxicity (tremors, impaired gait, excessive salivation) following acute or subchronic exposure. Tremors disappeared with continued exposure.  
**Aspiration hazard** No information available.

Chemical name	ACGIH	IARC	NTP	OSHA
crystalline silica, quartz 14808-60-7	A2	Group 1	Known	X

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

1.80851% of the mixture consists of components(s) of unknown hazards to the aquatic environment

<b>Bifenthrin (82657-04-3)</b>				
Active Ingredient(s)	Duration	Species	Value	Units
Bifenthrin	96 h LC50	Fish	0.1	µg/L
	72 h EC50	Algae	0.822	mg/L
	48 h EC50	Crustacea	0.11	µg/L
	21 d NOEC	Fish	0.012	µg/L
	21 d NOEC	Crustacea	0.0013	µg/L

**Persistence and degradability** Bifenthrin: Moderately persistent. Does not readily hydrolyze. Not readily biodegradable.

**Bioaccumulation** Bifenthrin: The substance has a potential for bioconcentration.

**Mobility** Bifenthrin: Immobile. Not expected to reach groundwater.

**13. DISPOSAL CONSIDERATIONS**

**Waste disposal methods** Improper disposal of excess pesticide, spray mixture, or rinsate is prohibited. If these wastes cannot be disposed of by use according to label instructions, contact appropriate disposal authorities for guidance.

**Contaminated Packaging** Containers must be disposed of in accordance with local, state and federal regulations. Refer to the product label for container disposal instructions.

**14. TRANSPORT INFORMATION**

**DOT** This material is not a hazardous material as defined by U.S. Department of Transportation at 49 CFR Parts 100 through 185.

**IDG**

UN/ID no	UN3077
Proper Shipping Name	Environmentally hazardous substance, solid, n.o.s.
Hazard class	9
Packing Group	III
Marine Pollutant	Bifenthrin.
Description	UN3077, Environmentally hazardous substance, solid, n.o.s. (bifenthrin), 9, PGIII, Marine Pollutant

**ICAO/IATA**

UN/ID no	UN3077
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**Proper Shipping Name** Environmentally hazardous substance, solid, n.o.s.  
**Hazard class** 9  
**Packing Group** III  
**Description** UN3077, Environmentally hazardous substance, solid, n.o.s. (bifenthrin), 9, PGIII, Marine Pollutant

**IMDG/IMO**

**UN/ID no** UN3077  
**Proper Shipping Name** Environmentally hazardous substance, solid, n.o.s.  
**Hazard class** 9  
**Packing Group** III  
**EmS No.** F-A, S-F  
**Marine Pollutant** Bifenthrin  
**Description** UN3077, Environmentally hazardous substance, solid, n.o.s. (bifenthrin), 9, PGIII, Marine Pollutant

**15. REGULATORY INFORMATION**

**U.S. Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). 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-No	Weight %	SARA 313 - Threshold Values %
Bifenthrin - 82657-04-3	82657-04-3	0.2	1.0

**SARA 311/312 Hazard Categories**

**Acute health hazard** Yes  
**Chronic health hazard** Yes  
**Fire hazard** No  
**Sudden release of pressure hazard** No  
**Reactive Hazard** No

**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)

**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). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**FIFRA Information**

*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 absorbed through skin.  
 This pesticide is extremely toxic to fish and aquatic invertebrates.

**US State Regulations**

**California Proposition 65**

This product contains the following Proposition 65 chemicals:

<b>Chemical name</b>	<b>California Prop. 65</b>
crystalline silica, quartz - 14808-60-7	Carcinogen

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Bifenthrin 82657-04-3	X		
crystalline silica, quartz 14808-60-7	X	X	X

International Inventories

Component	TSCA (United States)	DSL (Canada)	EINECS/ELI NCS (Europe)	ENCS (Japan)	China (IECSC)	KECL (Korea)	PICCS (Philippines)	AICS (Australia)
Bifenthrin 82657-04-3 ( 0.2 )				X	X	X		
crystalline silica, quartz 14808-60-7 ( >95 )	X	X	X	X	X	X	X	X

Mexico - Grade Moderate risk, Grade 2

WHMIS Hazard Class D2A - Very toxic materials



**16. OTHER INFORMATION**

NFPA	Health Hazards 2	Flammability 0	Instability 0	Special Hazards -
HMIS	Health Hazards 2*	Flammability 0	Physical hazard 0	Personal Protection X

\*Indicates a chronic health hazard.

Revision date: 2015-02-25  
 Revision note: Format Change

Disclaimer

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Prepared By:

**LESCO® CrossCheck® PL Granular Insecticide**

**SDS # :** 1686-1-A  
**Revision date:** 2015-02-25  
**Version** 1

FMC Corporation

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**End of Safety Data Sheet**

# Pyrethrin Fogger™

One Unit Treats up to 5,000 Cubic Feet

**KILLS EXPOSED STAGES OF:** Cockroaches, Fleas, Ticks, Houseflies, Mosquitoes, Small Flying Moths, Wasps, Crickets and Silverfish

**FOR USE IN:** Food and Non-Food Areas of Homes, Food Processing Plants, Restaurants, Industrial Buildings, Schools, Warehouses, Offices, Theaters, Garages, Hotels, Motels, Hospitals and Kennels

EPA Reg No. 279-3394

EPA Est. No. 9444-LA-1

**ACTIVE INGREDIENTS:**

Pyrethrins .....	0.50%
*Piperonyl Butoxide, technical .....	1.00%
**N-Octyl Bicycloheptene Dicarboximide .....	1.00%
<b>OTHER INGREDIENTS .....</b>	<b>97.50%</b>
	100.00

\*Equivalent to 0.80% of (butylcarbityl) (6-propylpiperonyl) ether and 0.20% related compounds.

\*\*MGK 264, Insecticide Synergist

**CONTAINS NO CFC'S OR OTHER OZONE DEPLETING SUBSTANCES. FEDERAL REGULATIONS PROHIBIT CFC PROPELLANTS IN AEROSOLS**

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

See Back Panel for Additional Precautionary Statements.



FMC Corporation  
Agricultural Products Group  
1735 Market Street  
Philadelphia, PA 19103

**Net Weight: 5 oz/142 g**

06-28-10

## PRECAUTIONARY STATEMENTS

### Hazards to Humans & Domestic Animals

#### CAUTION

Harmful if swallowed, inhaled or absorbed through the skin or eyes. Avoid breathing vapors or spray mist. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after use. Remove contaminated clothing and wash before reuse. Remove pets, birds and cover fish aquariums before spraying.

#### FIRST AID

**If Swallowed:** Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

**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 further treatment advice.

**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 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.

**HOT LINE NUMBER** - Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information, call (800) 331-3148. For product information call (800) 321-1362, Monday-Friday, 8:00 am to 5:00 pm EST.

### PHYSICAL OR CHEMICAL HAZARDS

Contents under pressure. Keep away from heat, sparks and open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. Do not apply this product in or on electrical equipment due to the possibility of a shock hazard. This product contains a highly flammable ingredient. It may cause a fire or explosion if not used properly. Follow the "Directions for Use" on this label carefully.

**Highly Flammable Ingredient  
Ingrediente Altamente Inflamable**

### DIRECTIONS FOR USE

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

**Shake Well Before Use.** Cover exposed foods, dishes and food handling equipment. Open cabinets and doors to area to be treated. Shut off fans and air conditioners. Put out all flames and pilot lights. Close doors and windows. Point valve opening away from face and eyes when releasing. DO NOT use more than one fogger per room. DO NOT use in small enclosed spaces such as closets, cabinets or under counters or tables. Do not use in a room 5 ft. x 5 ft. or smaller; instead, allow fog to enter from other rooms. **Turn off ALL ignition sources such as pilot lights (shut off gas valves), other open flames or running electrical appliances that cycle off and on (i.e. refrigerators, thermostats, etc.).** Call your gas utility or management company if you need assistance with your pilot lights. Use one 9 oz. unit for each 9,000 cubic feet or one 5 oz. unit for 5,000 cubic feet of unobstructed space. Do not remain in the area during treatment, and ventilate thoroughly before reentry.

**TO OPERATE VALVE:** To lock valve in open position for automatic discharge, press valve button all the way down, hooking the catch. Then place fogger on stand or table in the center of the room with valve locked open, placing several layers of newspaper or pad under fogger. Leave building at once and keep building closed for two hours before airing out. Open all doors and windows and allow to air for one-half hour. Repeat spraying in two weeks or when necessary.

**To Kill Ticks and Fleas:** Destroy pet's old bedding and replace. Use this product as above. Pets should be treated with a registered tick and flea control product prior to reentry. Repeat as necessary to bring infestation under control.

Do not apply while food processing is underway. Cover or remove all

**SAFETY DATA SHEET**  
Pyrethrin Fogger

SDS #: 6597-A  
Revision date: 2015-04-14  
Format: NA  
Version 1.01



### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier**

**Product Name** Pyrethrin Fogger

**Other means of identification**

**Product Code(s)** 6597-A

**Synonyms** (Z)-(S)-2-methyl-4-oxo-3-(penta-2,4-dienyl)cyclopent-2-enyl  
(1R,3R)-2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate  
5-[2-(2-butoxyethoxy)ethoxymethyl]-6-propyl-1,3-benzodioxole;  
5-[[2-(2-butoxyethoxy)ethoxy]methyl]-6-propyl-1,3-benzodioxole  
N-(2-ethylhexyl)-8,9,10-trinorborn-5-ene-2,3-dicarboximide;  
2-(2-ethylhexyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)-dione

**Active Ingredient(s)** Pyrethrins, Piperonyl Butoxide, n-Octyl bicycloheptene dicarboximide (MGK264)

**Chemical Family** Pyrethrins

**Recommended use of the chemical and restrictions on use**

**Recommended Use:** Insecticide

**Restrictions on Use:** Use as recommended by the label

**Manufacturer Address**

FMC Corporation  
1735 Market Street  
Philadelphia, PA 19103  
(215) 299-6000 (General Information)  
msdsinfo@fmc.com (E-Mail General Information)

**Emergency telephone number**

For leak, fire, spill or accident emergencies, call:  
1 800 / 424 9300 (CHEMTREC - U.S.A.)  
1 703 / 527 3887 (CHEMTREC - Collect - All Other Countries)  
Medical Emergencies:  
1 800 / 331-3148 (PROSAR - U.S.A. & Canada)  
1 651 / 632-6793 (PROSAR - All Other Countries - Collect)

### 2. HAZARDS IDENTIFICATION

**Classification**

**OSHA Regulatory Status**

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Inhalation (Dusts/Mists)

Category 4

Skin sensitization	Category 1
Flammable Aerosols	Category 1

**GHS Label elements, including precautionary statements****EMERGENCY OVERVIEW****Danger****Hazard Statements**

H317 - May cause an allergic skin reaction

H332 - Harmful if inhaled

**Physical Hazards**

H222 - Extremely flammable aerosol

H229 - Pressurized container: May burst if heated

**Precautionary Statements - Prevention**

P261 - Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray

P272 - Contaminated work clothing should not be allowed out of the workplace

P280 - Wear protective gloves

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking

P211 - Do not spray on an open flame or other ignition source

P251 - Do not pierce or burn, even after use

P302 + P352 - IF ON SKIN: Wash with plenty of water and soap

P333 + P313 - If skin irritation or rash occurs: Get medical advice/ attention

P363 - Wash contaminated clothing before reuse

P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing

P312 - Call a POISON CENTER or doctor if you feel unwell

**Precautionary Statements - Storage**

P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F

**Precautionary Statements - Disposal**

P501 - Dispose of contents/ container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

No hazards not otherwise classified were identified.

**Other Information**

No information available

**3. COMPOSITION/INFORMATION ON INGREDIENTS****Chemical Family**

Pyrethrins.

Chemical name	CAS-No	Weight %
n-Octyl bicycloheptene dicarboximide	113-48-4	1.0
Piperonyl butoxide	51-03-6	1.0
Pyrethrins	8003-34-7	0.5
Propane	74-98-6	10-20
Butane	106-97-5	5-10
Petroleum distillates, hydrotreated light	64742-47-8	5-10
Isobutane	75-28-5	5-10

Synonyms are provided in Section 1.

**4. FIRST AID MEASURES**

<b>Eye Contact</b>	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 eye. Call a poison control center or doctor for further treatment advice.
<b>Skin Contact</b>	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice.
<b>Inhalation</b>	Move 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.
<b>Ingestion</b>	Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not induce vomiting or give anything by mouth to an unconscious person.
<b>Most important symptoms and effects, both acute and delayed</b>	None known.
<b>Indication of immediate medical attention and special treatment needed, if necessary</b>	Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

<b>Suitable Extinguishing Media</b>	Foam. Carbon dioxide (CO <sub>2</sub> ). Dry chemical. Water spray.
<b>Specific Hazards Arising from the Chemical</b>	Contents under pressure.
<b>Explosion data</b>	
<b>Sensitivity to Mechanical Impact</b>	Not sensitive.
<b>Sensitivity to Static Discharge</b>	Not sensitive.
<b>Protective equipment and precautions for firefighters</b>	Isolate fire area. Evaluate downwind. In the event of fire, wear self contained breathing apparatus.

**6. ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions</b>	Isolate and post spill area. Remove all sources of ignition. Ventilate the area. Wear suitable protective clothing, gloves and eye/face protection. For personal protection see section 8. If ventilation is not possible wear full protection suit and chemical protective equipment.
<b>Other</b>	For further clean-up instructions, call FMC Emergency Hotline number listed in Section 1 "Product and Company Identification" above.
<b>Environmental Precautions</b>	See Section 12 for additional Ecological Information.
<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for cleaning up</b>	Transfer damaged cartridges or cans to containers for later disposal. Clean and neutralize spill area, tools and equipment by washing with bleach water and soap. Waste must be classified and labeled prior to recycling or disposal. Dispose of waste as indicated in Section 13. Rinsate may be disposed at a waste water treatment plant.

**7. HANDLING AND STORAGE**

**Pyrethrin Fogger**

SDS #: 6597-A  
 Revision date: 2015-04-14  
 Version 1.01

**Handling** Do not contaminate other pesticides, fertilizers, water, food, or feed by storage or disposal. BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 130°F. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects.

**Storage** Keep in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Keep out of reach of children and animals. Keep/store only in original container.

**Incompatible products** Strong oxidizing agents. Bases. Powdered earth metals.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Control parameters

Chemical name	ACGIH TLV	OSHA PEL	NIOSH	Mexico
Pyrethrins 8003-34-7	TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	IDLH: 5000 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>	Mexico: TWA 5 mg/m <sup>3</sup> Mexico: STEL 10 mg/m <sup>3</sup>
Propane 74-98-6	TWA: 1000 ppm	TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup>	IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup>	-
Isobutane 75-28-5	STEL 1000 ppm	-	TWA: 800 ppm TWA: 1900 mg/m <sup>3</sup>	-
Chemical name	British Columbia	Quebec	Ontario TWAEV	Alberta
Pyrethrins 8003-34-7	TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>
Propane 74-98-6	TWA: 1000 ppm	TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup>	TWA: 1000 ppm	TWA: 1000 ppm
Petroleum distillates, hydrotreated light 64742-47-8	TWA: 200 mg/m <sup>3</sup> Skin	-	-	-
Isobutane 75-28-5	TWA: 1000 ppm	-	TWA: 800 ppm TWA: 1000 ppm	-

Appropriate engineering controls

**Engineering measures** Apply technical measures to comply with the occupational exposure limits. When working in confined spaces (tanks, containers, etc.), ensure that there is a supply of air suitable for breathing and wear the recommended equipment.

Individual protection measures, such as personal protective equipment

**Eye/Face Protection** If there is a potential for exposure to particles which could cause eye discomfort, wear chemical goggles.

**Skin and Body Protection** Wear long-sleeved shirt, long pants, socks, and shoes.

**Hand Protection** Protective gloves

**Respiratory Protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene measures** Clean water should be available for washing in case of eye or skin contamination. Wash skin prior to eating, drinking, chewing gum or using tobacco. Shower or bathe at the end of working. Remove and wash contaminated clothing before re-use. Launder work clothing separately from regular household laundry.

**General information** If the product is used in mixtures, it is recommended that you contact the appropriate protective equipment suppliers. These recommendations apply to the product as supplied.

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

Appearance	No information available
Physical State	Aerosol
Color	No information available
Odor	Slight Pyrethrins
Odor threshold	No information available
pH	7.0
Melting point/freezing point	Not applicable
Boiling Point/Range	No information available
Flash point	2.8-3.3 °C / 37-38 °F
Evaporation Rate	No information available
Flammability (solid, gas)	No information available
Flammability Limit in Air	
Upper flammability limit:	No information available
Lower flammability limit:	No information available
Vapor pressure	No information available
Vapor density	No information available
Density	8 lb/gal
Specific gravity	No information available
Water solubility	Soluble in water
Solubility in other solvents	No information available
Partition coefficient	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Viscosity, kinematic	No information available
Viscosity, dynamic	No information available
Explosive properties	No information available
Oxidizing properties	No information available
Molecular weight	No information available
Bulk density	No information available

**10. STABILITY AND REACTIVITY**

Reactivity	Not applicable
Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	None under normal processing.
Hazardous polymerization	Hazardous polymerization does not occur.
Conditions to avoid	Keep away from open flames, hot surfaces and sources of ignition
Incompatible materials	Strong oxidizing agents. Bases. Powdered earth metals.
Hazardous Decomposition Products	Carbon dioxide (CO <sub>2</sub> ). Carbon monoxide (CO).

**11. TOXICOLOGICAL INFORMATION****Product Information**

LD50 Oral	> 5000 mg/kg
LD50 Dermal	> 5000 mg/kg
LC50 Inhalation	> 2.11 mg/L 4 hr
Serious eye damage/eye irritation	Slightly or non-irritating (rabbit).
Skin corrosion/irritation	Slightly or non-irritating (rabbit).
Sensitization	Sensitizer.

Information on toxicological effects

**Symptoms** Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Mutagenicity** Piperonyl butoxide ether may affect mammalian liver microsomal detoxification enzymes. n-Octyl bicycloheptene dicarboximide was negative in a chromosome aberration assay.  
**Carcinogenicity** Not recognized as carcinogenic by Research Agencies (IARC, NTP, OSHA, ACGIH).  
**Reproductive toxicity** No information available.  
**STOT - single exposure** Not classified.  
**STOT - repeated exposure** Not classified.  
**Target organ effects** Mice fed 0.3 or 0.9% piperonyl butoxide in the diet for 20 days had increased liver weight and other signs of liver toxicity. Male rats given up to 2.4% of piperonyl butoxide in the diet for up to 12 weeks had clinical and histologic signs of liver damage; the highest dose group showed preneoplastic changes, including enlargement of hepatocyte nuclei and multinucleated cells. Kidney damage was also seen.

**Aspiration hazard**

No information available.

Chemical name	ACGIH	IARC	NTP	OSHA
Piperonyl butoxide 51-03-6		Group 3		

**12. ECOLOGICAL INFORMATION**

Ecotoxicity

Piperonyl butoxide (51-03-6)				
Active Ingredient(s)	Duration	Species	Value	Units
Piperonyl Butoxide	LC50	Fish	3.94	ppm
	LD50	Bee	25	µg/bee
	LD50	Bobwhite quail	>2250	mg/kg
	LD50	Mallard duck	>5620	ppm

**Persistence and degradability** No information available.

**Bioaccumulation** No information available.

**13. DISPOSAL CONSIDERATIONS**

**Waste disposal methods** Improper disposal of excess pesticide, spray mixture, or rinsate is prohibited. If these wastes cannot be disposed of by use according to label instructions, contact appropriate disposal authorities for guidance.

**Contaminated Packaging** Containers must be disposed of in accordance with local, state and federal regulations. Refer to the product label for container disposal instructions.

**14. TRANSPORT INFORMATION**

**DOT** USDOT is requiring that products formerly classified as "Consumer Commodity, ORM-D" transition to "Limited Quantity" by 12/31/2020. During the transition period the 49CFR carton shipping marks may be Consumer Commodity (old) or Limited Quantity Diamond (new). Please prepare shipping documents to match the carton mark.

**Proper Shipping Name** Consumer commodity  
**Hazard class** ORM-D

TDG

**Pyrethrin Fogger**

**SDS # : 6597-A**  
**Revision date: 2015-04-14**  
**Version 1.01**

**UN/ID no** UN1950  
**Proper Shipping Name** Aerosols  
**Hazard class** 2.1  
**Description** UN1950, Aerosols, 2.1

**ICAO/IATA**

**UN/ID no** ID8000  
**Proper Shipping Name** Consumer commodity  
**Hazard class** 9

**IMDG/IMO**

**UN/ID no** UN1950  
**Proper Shipping Name** Aerosols  
**Hazard class** 2  
**EmS No.** F-D, S-U  
**Description** UN1950, Aerosols, 2.1

**15. REGULATORY INFORMATION**

**U.S. Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). 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-No.	Weight %	SARA 313 - Threshold Values %
Piperonyl butoxide - 51-03-6	51-03-6	1.002	1.0

**SARA 311/312 Hazard Categories**

**Acute health hazard** Yes  
**Chronic health hazard** Yes  
**Fire hazard** No  
**Sudden release of pressure hazard** No  
**Reactive Hazard** No

**Clean Water Act**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Pyrethrins 8003-34-7	1 lb			

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Pyrethrins 8003-34-7	1 lb		RQ 1 lb final RQ RQ 0.454 kg final RQ

**FIFRA Information**

*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**

*Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.*

**Pyrethrin Fogger**

SDS #: 6597-A  
 Revision date: 2015-04-14  
 Version 1.01

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical name	New Jersey	Massachusetts	Pennsylvania
Piperonyl butoxide 51-03-6	X		
Pyrethrins 8003-34-7	X	X	X
Propane 74-98-6	X	X	X
Isobutane 75-28-5	X	X	X

**International Inventories**

Component	TSCA (United States)	DSL (Canada)	EINECS/ELI NCS (Europe)	ENCS (Japan)	China (IECSC)	KECL (Korea)	PICCS (Philippines)	AICS (Australia)
n-Octyl bicycloheptene dicarboximide 113-48-4 ( 1.0 )		X	X	X	X		X	X
Piperonyl butoxide 51-03-6 ( 1.0 )	X	X	X	X	X	X	X	X
Pyrethrins 8003-34-7 ( 0.5 )		X	X		X	X	X	X
Propane 74-98-6 ( 10-20 )	X	X	X	X	X	X	X	X
Petroleum distillates, hydrotreated light 64742-47-8 ( 5-10 )	X	X	X	X	X	X	X	X
Isobutane 75-28-5 ( 5-10 )	X	X	X	X	X	X	X	X

**WHMIS Hazard Class**

A - Compressed gases  
 B5 - Flammable aerosol



**16. OTHER INFORMATION**

NFPA	Health Hazards 1	Flammability 4	Instability 0	Special Hazards -
HMIS	Health Hazards 1*	Flammability 4	Physical hazard 0	Personal Protection X

NFPA/HMIS Ratings Legend \* - Chronic hazard

Revision date: 2015-04-14  
 Revision note: Format Change

Disclaimer

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Prepared By:

FMC Corporation

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**End of Safety Data Sheet**



PROFESSIONAL INSECT CONTROL® ROACH BAIT STATIONS

# ROACH BAIT STATIONS

**FOR USE IN COMMERCIAL, INDUSTRIAL AND RESIDENTIAL AREAS**

**ACTIVE INGREDIENT:**

Fipronil* [5-amino-1-(2,6-dichloro-4-(trifluoromethyl) phenyl)-4-(1,R,S)-(trifluoromethyl) sulfanyl]-1H-pyrazole-3-carbonitrile]	0.05%
Other Ingredients:	99.95%
TOTAL:	100.00%

\*CAS NO 120068-37-3

CONTAINS: 72 Child-Resistant Bait Stations

**KEEP OUT OF REACH OF CHILDREN  
CAUTION: SEE PRECAUTIONS BELOW**

Fipronil kills insects by blocking the gaba regulated chloride channel (based on in-vitro binding data in rat brain preparations and insect electrophysiology studies).

This product contains Fipronil, [a [new] active ingredient] which kills roaches by ingestion. In the process of ingestion, fipronil [the active ingredient] acts by blocking the GABA (Gamma Amino Butyric Acid) receptor chloride channel. Once chloride ions cannot pass through the channel, depolarization ensues resulting in continued release of excitatory transmitters and hyperexcitation of the neuron.

This product may be used for the control of small cockroaches, such as German or Brown-Banded roaches, in any area where cockroaches are a problem, such as residential, warehousing and commercial establishments, including food service, food manufacturing and food processing facilities, hospitals, schools, daycare centers, nursing homes, health care facilities, laboratories, computer and electronic equipment facilities, pet shops, zoos, basements, buses, boats, trains and aircraft. The patented transparent red top enables you to monitor bait consumption while providing roaches their preferred environment, darkness, because roaches do not see light in the red spectrum. This product has an odorless bait that roaches eat even in the presence of other foods and is packaged in a child-resistant bait station.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS.**

**CAUTION:** Wash thoroughly with soap and water after handling bait stations.

**STORAGE AND DISPOSAL:**

Do not contaminate water, food or feed by storage and disposal. **STORAGE:** Store in a cool dry area out of reach of children. **DISPOSAL:** Wrap bait stations in several layers of newspaper and discard in trash.

**DIRECTIONS FOR USE:**

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

1. Place MAXFORCE® FC in areas where cockroaches have been seen and where they hide. Cockroaches infest dark, warm, damp locations.
2. The bait stations can be stuck to a vertical surface by peeling off the protective strip to expose adhesive.
3. For effective roach control use 4-6 bait stations per 100 square feet of horizontal surface area. Place adjacent to walls and flush in corners. Do not place more than 24 bait stations per residence. For outdoor use place stations adjacent to structure.
4. Do not spray the bait stations. Avoid placing the bait stations on freshly sprayed surfaces.
5. Roaches will begin eating the bait immediately and you should expect to see fewer roaches within 3 days.
6. Inspect all bait stations and replace as needed for continuous control of roaches.

**TOTAL NET WEIGHT  
3.8 oz (108 g)  
0.053 oz (1.5 g) per unit**

Maxforce website address: [www.bayerprocentral.com](http://www.bayerprocentral.com)  
Maxforce is a registered trademark of Bayer.



Bayer Environmental Science  
A Business Group of Bayer CropScience LP  
Bayer Environmental Science  
2 T. W. Alexander Drive  
Research Triangle Park, NC 27709  
[www.bayerprocentral.com](http://www.bayerprocentral.com)

EPA Reg. No. 432-1257  
EPA Est. No. 5813-MS-01  
Product Code No. 48000

12/02B



**MAXFORCE® FC ROACH KILLER BAIT STATIONS**

Version 3.0 / USA  
102000013976

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Revision Date: 11/06/2014  
Print Date: 11/06/2014

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**Product identifier**

Trade name MAXFORCE® FC ROACH KILLER BAIT STATIONS  
Product code (UVP) 05826399  
SDS Number 102000013976  
EPA Registration No. 432-1257

**Relevant identified uses of the substance or mixture and uses advised against**

Use Insecticide  
Restrictions on use See product label for restrictions.

**Information on manufacturer**

Bayer Environmental Science  
2 T.W. Alexander Drive  
Research Triangle PK, NC 27709  
United States

**Emergency telephone no.**

Emergency Telephone Number (24hr/ 7 days) 1-800-334-7577 (24 hours/day)  
Product Information Telephone Number 1-800-331-2867  
SDS Information or Request [SDSINFO.BCS-NA@bayer.com](mailto:SDSINFO.BCS-NA@bayer.com)

**SECTION 2: HAZARDS IDENTIFICATION**

**Classification in accordance with regulation HCS 29CFR §1910.1200**

This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

**Other hazards**

No particular hazards known.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Hazardous Component Name	CAS-No.	Concentration % by weight
Fipronil	120068-37-3	0.05



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**SECTION 4: FIRST AID MEASURES**

**Description of first aid measures**

<b>General advice</b>	When possible, have the product container or label with you when calling a poison control center or doctor or going for treatment.
<b>Inhalation</b>	Move 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 physician or poison control center immediately.
<b>Skin contact</b>	Take off contaminated clothing and shoes immediately. Wash off immediately with plenty of water for at least 15 minutes. Call a physician or poison control center immediately.
<b>Eye contact</b>	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 physician or poison control center immediately.
<b>Ingestion</b>	Call a physician or poison control center immediately. Rinse out mouth and give water in small sips to drink. DO NOT induce vomiting unless directed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person. Do not leave victim unattended.

**Most important symptoms and effects, both acute and delayed**

**Symptoms** To date no symptoms are known.

**Indication of any immediate medical attention and special treatment needed**

**Treatment** Appropriate supportive and symptomatic treatment as indicated by the patient's condition is recommended. There is no specific antidote.

**SECTION 5: FIREFIGHTING MEASURES**

**Extinguishing media**

**Suitable** Water, Foam, Carbon dioxide (CO<sub>2</sub>), Dry chemical

**Unsuitable** None known.

**Special hazards arising from the substance or mixture** Dangerous gases are evolved in the event of a fire.

**Advice for firefighters**

**Special protective equipment for fire-fighters** Firefighters should wear NIOSH approved self-contained breathing apparatus and full protective clothing.

**Further information** Fight fire from upwind position. Keep out of smoke. Do not allow run-off from fire fighting to enter drains or water courses.

**Flash point** > 93.4 °C  
**Autoignition temperature** no data available



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Lower explosion limit           no data available  
Upper explosion limit           no data available  
Explosivity                       not applicable

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

**Precautions**                       Keep unauthorized people away. Isolate hazard area. Avoid contact with spilled product or contaminated surfaces.

**Methods and materials for containment and cleaning up**

**Methods for cleaning up**       Collect and transfer the product into a properly labelled and tightly closed container. Clean contaminated floors and objects thoroughly, observing environmental regulations.

**Additional advice**               Use personal protective equipment. Do not allow to enter soil, waterways or waste water canal.

**Reference to other sections**   Information regarding safe handling, see section 7.  
Information regarding personal protective equipment, see section 8.  
Information regarding waste disposal, see section 13.

**SECTION 7: HANDLING AND STORAGE**

**Precautions for safe handling**

**Advice on safe handling**       Use only in area provided with appropriate exhaust ventilation.

**Hygiene measures**               Keep away from food, drink and animal feedingstuffs.  
Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, using the toilet or applying cosmetics.

**Conditions for safe storage, including any incompatibilities**

**Requirements for storage areas and containers**   Keep containers tightly closed in a dry, cool and well-ventilated place.  
Keep out of reach of children and animals.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

Components	CAS-No.	Control parameters	Update	Basis
Fipronil (Particulate.)	120068-37-3	50ug/m3 (ST ESL)	02 2013	TX ESL
Fipronil	120068-37-3	5ug/m3	02 2013	TX ESL



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(Particulate.)		(AN ESL)		
Fipronil	120068-37-3	0.035 mg/m3 (TWA)		OES BCS*
1,2-Propanediol (Vapor.)	57-55-6	1000ug/m3 (ST ESL)	02 2013	TX ESL
1,2-Propanediol (Vapor.)	57-55-6	50ppb (AN ESL)	02 2013	TX ESL
1,2-Propanediol (Vapor.)	57-55-6	500ppb (ST ESL)	02 2013	TX ESL
1,2-Propanediol (Vapor.)	57-55-6	100ug/m3 (AN ESL)	02 2013	TX ESL
1,2-Propanediol (Aerosol.)	57-55-6	10 mg/m3 (TWA)	2010	WEEL

\*OES BCS: Internal Bayer CropScience "Occupational Exposure Standard"

**Exposure controls**

**Personal protective equipment**

In normal use and handling conditions please refer to the label and/or leaflet. In all other cases the following recommendations would apply.

<b>Respiratory protection</b>	Respiratory protection is not required under anticipated circumstances of exposure.
<b>Hand protection</b>	Chemical resistant nitrile rubber gloves
<b>Eye protection</b>	Safety glasses with side-shields
<b>Skin and body protection</b>	Wear long-sleeved shirt and long pants and shoes plus socks.
<b>General protective measures</b>	Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and warm/tepid water. Keep and wash PPE separately from other laundry.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	light tan to brown
<b>Physical State</b>	pasty
<b>Odor</b>	characteristic
<b>Odour Threshold</b>	no data available
<b>pH</b>	no data available
<b>Vapor Pressure</b>	no data available
<b>Vapor Density (Air = 1)</b>	no data available
<b>Specific Gravity</b>	no data available
<b>Evaporation rate</b>	no data available



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<b>Boiling Point</b>	no data available
<b>Melting / Freezing Point</b>	no data available
<b>Water solubility</b>	no data available
<b>Minimum Ignition Energy</b>	not applicable
<b>Decomposition temperature</b>	not applicable
<b>Partition coefficient: n-octanol/water</b>	not applicable
<b>Viscosity</b>	no data available
<b>Flash point</b>	> 93.4 °C
<b>Autoignition temperature</b>	no data available
<b>Lower explosion limit</b>	no data available
<b>Upper explosion limit</b>	no data available
<b>Explosivity</b>	not applicable

---

**SECTION 10: STABILITY AND REACTIVITY**

**Reactivity**

<b>Thermal decomposition</b>	not applicable
<b>Chemical stability</b>	Stable under normal conditions.
<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to avoid</b>	Extremes of temperature and direct sunlight. Exposure to moisture.
<b>Incompatible materials</b>	Strong bases, Strong acids, Strong oxidizing agents
<b>Hazardous decomposition products</b>	No decomposition products expected under normal conditions of use.

---

**SECTION 11: TOXICOLOGICAL INFORMATION**

<b>Exposure routes</b>	Skin contact, Ingestion
<b>Information on toxicological effects</b>	
<b>Acute oral toxicity</b>	LD50 (rat) > 5,000 mg/kg
<b>Acute inhalation toxicity</b>	no data available



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<b>Acute dermal toxicity</b>	LD50 (rat) > 5,000 mg/kg
<b>Skin irritation</b>	Slight irritation (rabbit)
<b>Eye irritation</b>	Minimally irritating. (rabbit)
<b>Sensitisation</b>	Non-sensitizing. (guinea pig)

**Assessment repeated dose toxicity**

Fipronil caused specific target organ toxicity in experimental animal studies in the following organ(s): liver. Fipronil caused neurobehavioral effects and/or neuropathological changes in animal studies.

**Assessment Mutagenicity**

Fipronil was not mutagenic or genotoxic in a battery of in vitro and in vivo tests.

**Assessment Carcinogenicity**

Fipronil caused an increased incidence of tumours in rats in the following organ(s): Thyroid. The mechanism that triggers tumours in rodents and the type of tumours observed are not relevant to humans.

**ACGIH**

None.

**NTP**

None.

**IARC**

None.

**OSHA**

None.

**Assessment toxicity to reproduction**

Fipronil caused reproduction toxicity in a two-generation study in rats only at dose levels also toxic to the parent animals. The reproduction toxicity seen with Fipronil is related to parental toxicity.

**Assessment developmental toxicity**

Fipronil did not cause developmental toxicity in rats and rabbits.

**Further information**

Acute toxicity studies have been bridged from a similar formulation(s).  
The non-acute information pertains to the active ingredient(s).

---

**SECTION 12: ECOLOGICAL INFORMATION**

<b>Toxicity to fish</b>	LC50 (Oncorhynchus mykiss (rainbow trout)) 0.25 mg/l Exposure time: 96 h The value mentioned relates to the active ingredient fipronil.
<b>Toxicity to aquatic</b>	EC50 (Daphnia magna (Water flea)) 0.19 mg/l



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<b>invertebrates</b>	Exposure time: 48 h The value mentioned relates to the active ingredient fipronil.
<b>Toxicity to aquatic plants</b>	EC50 (Scenedesmus subspicatus) 0.068 mg/l Exposure time: 96 h The value mentioned relates to the active ingredient fipronil.
<b>Biodegradability</b>	Fipronil: ; not rapidly biodegradable
<b>Koc</b>	Fipronil: Koc: 427 - 1278
<b>Bioaccumulation</b>	Fipronil: Bioconcentration factor (BCF) 321; Does not bioaccumulate.
<b>Mobility in soil</b>	Fipronil: Slightly mobile in soils
<b>Environmental precautions</b>	Do not allow to get into surface water, drains and ground water. Do not contaminate surface or ground water by cleaning equipment or disposal of wastes, including equipment wash water. Apply this product as specified on the label.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

<b>Product</b>	Follow container label instructions for disposal of wastes generated during use in compliance with the product label. Never place unused product down any indoor or outdoor drain.
<b>Contaminated packaging</b>	Do not re-use empty containers. Wrap and discard in trash. Follow advice on product label and/or leaflet.
<b>RCRA Information</b>	Characterization and proper disposal of this material as a special or hazardous waste is dependent upon Federal, State and local laws and are the user's responsibility. RCRA classification may apply.

**SECTION 14: TRANSPORT INFORMATION**

According to national and international transport regulations this material is not classified as dangerous goods / hazardous material.

**SECTION 15: REGULATORY INFORMATION**

<b>EPA Registration No.</b>	432-1257
<b>US Federal Regulations</b>	
<b>TSCA list</b>	None.
<b>US. Toxic Substances Control Act (TSCA) Section 12(b) Export Notification (40 CFR 707, Subpt D)</b>	None.



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**SARA Title III - Section 302 - Notification and Information**

None.

**SARA Title III - Section 313 - Toxic Chemical Release Reporting**

None.

**US States Regulatory Reporting**

**CA Prop65**

This product does not contain any substances known to the State of California to cause cancer.

This product does not contain any substances known to the State of California to cause reproductive harm.

**US State Right-To-Know Ingredients**

None.

**Canadian Regulations**

**Canadian Domestic Substance List**

None.

**Environmental**

**CERCLA**

None.

**Clean Water Section 307 Priority Pollutants**

None.

**Safe Drinking Water Act Maximum Contaminant Levels**

None.

**EPA/FIFRA Information:**

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 required on the pesticide label:

**Signal word:** Caution!

**Hazard statements:** Avoid contact with skin, eyes and clothing.  
Wash thoroughly with soap and water after handling.

---

**SECTION 16: OTHER INFORMATION**

**NFPA 704 (National Fire Protection Association):**

Health - 1      Flammability - 1      Instability - 0      Others - none

**HMIS (Hazardous Materials Identification System, based on the Third Edition Ratings Guide)**

Health - 1      Flammability - 1      Physical Hazard - 0      PPE -

0 = minimal hazard, 1 = slight hazard, 2 = moderate hazard, 3 = severe hazard, 4 = extreme hazard

**Bayer Environmental Science**  
SAFETY DATA SHEET



**MAXFORCE® FC ROACH KILLER BAIT STATIONS**

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**Reason for Revision:** Revised according to the current OSHA Hazard Communication Standard (29CFR1910.1200)

**Revision Date:** 11/06/2014

This information is provided in good faith but without express or implied warranty. The customer assumes all responsibility for safety and use not in accordance with label instructions. The product names are registered trademarks of Bayer.

10062152

LESCO®



Net Contents: 1 Gallon  
#291548

To control pests indoors and outdoors on residential, institutional, public, commercial, and industrial buildings, greenhouses, food handling establishments, and lawns, ornamentals, parks, recreational areas and athletic fields. When used as a termiticide, individuals/firms must be licensed by the state to apply termiticide products. States may have more restrictive requirements regarding qualifications of persons using this product. Consult the pest control regulatory agency of your state prior to use of this product.

Provides up to 1 month residual control of house flies. Kills fleas for up to 3 months.

EPA Reg. No. 279-3206-10404  
EPA Est. 279-NY-1

**Active Ingredient:**

Bifenthrin*	7.9%	By Wt.
Other Ingredients	92.1%	
	100.0%	

LESCO CrossCheck® Plus Multi-Insecticide contains 2/3 pound active ingredient per gallon.

\*Cis isomers 97% minimum, trans isomers 3% maximum.

**KEEP OUT OF REACH  
OF CHILDREN  
CAUTION**

See other panels for additional precautionary information.

**Distributed By:**

LESCO, Inc.  
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15084989

Job



GHS Label elements, including precautionary statements

**EMERGENCY OVERVIEW**

**Danger**

**Hazard Statements**  
H302 - Harmful if swallowed  
H332 - Harmful if inhaled  
H351 - Suspected of causing cancer  
H370 - Causes damage to organs  
H372 - Causes damage to organs through prolonged or repeated exposure



**Precautionary Statements - Prevention**

- P201 - Obtain special instructions before use
- P202 - Do not handle until all safety precautions have been read and understood
- P281 - Use personal protective equipment as required
- P264 - Wash face, hands and any exposed skin thoroughly after handling
- P270 - Do not eat, drink or smoke when using this product
- P260 - Do not breathe dust/fume/gas/mist/vapors/spray

**Precautionary Statements - Response**

- P321 - Specific treatment (see supplemental first aid instructions on this label)
- P308 + P311 - IF exposed or concerned: Call a POISON CENTER or doctor
- P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing
- P312 - Call a POISON CENTER or doctor if you feel unwell
- P301 + P312 - IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell
- P330 - Rinse mouth

**Precautionary Statements - Storage**

- P405 - Store locked up

**Precautionary Statements - Disposal**

- P501 - Dispose of contents/ container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

No hazards not otherwise classified were identified.

**Other Information**

Very toxic to aquatic life with long lasting effects

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Chemical Family** Pyrethroid Pesticide.

Synonyms are provided in Section 1.

**4. FIRST AID MEASURES**

<b>Eye Contact</b>	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 eye. Call a poison control center or doctor for further treatment advice.
<b>Skin Contact</b>	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice.
<b>Inhalation</b>	Move 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.
<b>Ingestion</b>	If swallowed, do not induce vomiting - seek medical advice. 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.
<b>Most important symptoms and effects, both acute and delayed</b>	Central nervous system effects.
<b>Indication of immediate medical attention and special treatment needed, if necessary</b>	Treat symptomatically. This product is a pyrethroid. If large amounts have been ingested, the stomach and intestines should be evacuated. Treatment is symptomatic and supportive. Digestible fats, oils, or alcohol may increase absorption and so should be avoided.

**5. FIRE-FIGHTING MEASURES**

<b>Suitable Extinguishing Media</b>	Foam. Carbon dioxide (CO <sub>2</sub> ). Dry chemical. Soft stream or water fog only if necessary.
<b>Specific Hazards Arising from the Chemical</b>	
<b>Explosion data</b>	
<b>Sensitivity to Mechanical Impact</b>	Not sensitive.
<b>Sensitivity to Static Discharge</b>	Not sensitive.
<b>Protective equipment and precautions for firefighters</b>	As in any fire, wear self-contained breathing apparatus and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions</b>	Isolate and post spill area. Wear suitable protective clothing, gloves and eye/face protection. For personal protection see section 8.
<b>Other</b>	For further clean-up instructions call CHEMTREC listed in Section 1 "Product and Company Identification" above.
<b>Environmental Precautions</b>	Keep people and animals away from and upwind of spill/leak. Keep material out of lakes, streams, ponds, and sewer drains.
<b>Methods for Containment</b>	Dike to confine spill and absorb with non-combustible absorbent such as clay, sand or soil.
<b>Methods for cleaning up</b>	Clean and neutralize spill area, tools and equipment by washing with bleach water and soap. Absorb rinsate and add to the collected waste. Waste must be classified and labeled prior to recycling or disposal. Dispose of waste as indicated in Section 13.

**7. HANDLING AND STORAGE**

<b>Handling</b>	Do not contaminate other pesticides, fertilizers, water, food, or feed by storage or disposal.
<b>Storage</b>	Keep in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Keep out of reach of children and animals. Keep/store only in original container.
<b>Incompatible products</b>	None known

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Control parameters

Appropriate engineering controls

**Engineering measures** Apply technical measures to comply with the occupational exposure limits. When working in confined spaces (tanks, containers, etc.), ensure that there is a supply of air suitable for breathing and wear the recommended equipment.

Individual protection measures, such as personal protective equipment

**Eye/Face Protection** This product does not cause significant eye irritation or eye toxicity requiring special protection. Where there is significant potential for eye contact, wear chemical goggles and have eye flushing equipment available.

**Skin and Body Protection** Wear long-sleeved shirt, long pants, socks, and shoes.

**Hand Protection** Protective gloves

**Respiratory Protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene measures** Clean water should be available for washing in case of eye or skin contamination. Wash skin prior to eating, drinking, chewing gum or using tobacco. Shower or bathe at the end of working. Remove and wash contaminated clothing before re-use. Launder work clothing separately from regular household laundry.

**General information** If the product is used in mixtures, it is recommended that you contact the appropriate protective equipment suppliers

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Information on basic physical and chemical properties

<b>Appearance</b>	Beige, Liquid
<b>Physical State</b>	Liquid
<b>Color</b>	Beige
<b>Odor</b>	Mild
<b>Odor threshold</b>	No information available
<b>pH</b>	6.7
<b>Melting point/freezing point</b>	Not applicable
<b>Boiling Point/Range</b>	No information available
<b>Flash point</b>	> 100 °C / > 212 °F Tag Closed Cup
<b>Evaporation Rate</b>	No information available
<b>Flammability (solid, gas)</b>	No information available
<b>Flammability Limit in Air</b>	No information available

Upper flammability limit:	No information available
Lower flammability limit:	No information available
Vapor pressure	No information available
Vapor density	No information available
Density	8.53 lb/gal
Specific gravity	1.024 @ 20 °C
Water solubility	Dispersible in water
Solubility in other solvents	No information available
Partition coefficient	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Viscosity, kinematic	No information available
Viscosity, dynamic	No information available
Explosive properties	No information available
Oxidizing properties	No information available
Molecular weight	No information available
Bulk density	8.53 lb/gal

**10. STABILITY AND REACTIVITY**

<b>Reactivity</b>	None under normal use conditions
<b>Chemical Stability</b>	Stable under recommended storage conditions.
<b>Possibility of Hazardous Reactions</b>	None under normal processing.
<b>Hazardous polymerization</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	Heat, flames and sparks
<b>Incompatible materials</b>	None known.
<b>Hazardous Decomposition Products</b>	Carbon oxides (COx), Hydrogen chloride, Hydrogen fluoride, Chlorine, Fluorine.

**11. TOXICOLOGICAL INFORMATION**

Product Information

LD50 Oral	632 mg/kg (rat)
LD50 Dermal	> 2000 mg/kg (rabbit)
LC50 Inhalation	2.895 mg/L 1 hr (rat)
<b>Serious eye damage/eye irritation</b>	Non-irritating.
<b>Skin corrosion/irritation</b>	Non-irritating.
<b>Sensitization</b>	Non-sensitizing.

Information on toxicological effects

**Symptoms** Large doses of bifenthrin ingested by laboratory animals produced signs of toxicity including convulsions, tremors and bloody nasal discharge.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Chronic toxicity</b>	Bifenthrin: Long-term exposure caused neurotoxicity (tremors and impaired gait) in the early exposure in animal studies, but tremors disappeared with continued exposure.
<b>Mutagenicity</b>	Bifenthrin: Not genotoxic in animal studies
<b>Carcinogenicity</b>	Bifenthrin: No evidence of carcinogenicity from animal studies.
<b>Neurological effects</b>	Bifenthrin: Causes clinical signs of neurotoxicity (tremors, impaired gait, excessive salivation) following acute or subchronic exposure. Tremors disappeared with continued exposure.

<p><b>Reproductive toxicity</b>  <b>Developmental toxicity</b>  <b>STOT - single exposure</b>  <b>STOT - repeated exposure</b></p> <p><b>Target organ effects</b>  <b>Neurological effects</b></p> <p><b>Aspiration hazard</b></p>	<p>Bifenthrin: No toxicity to reproduction in animal studies.                  Bifenthrin: Not teratogenic in animal studies.                  Causes damage to organs. See listed target organs below.                  Causes damage to organs through prolonged or repeated exposure. See listed target organs below.                  Bifenthrin: Central Nervous System (CNS).                  Bifenthrin: Causes clinical signs of neurotoxicity (tremors, impaired gait, excessive salivation) following acute or subchronic exposure. Tremors disappeared with continued exposure.                  No information available.</p>
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**12. ECOLOGICAL INFORMATION**

Ecotoxicity

<p><b>Persistence and degradability</b></p> <p><b>Bioaccumulation</b></p> <p><b>Mobility</b></p>	<p>Bifenthrin: Moderately persistent. Does not readily hydrolyze. Not readily biodegradable.</p> <p>Bifenthrin: The substance has a potential for bioconcentration.</p> <p>Bifenthrin: Immobile. Not expected to reach groundwater.</p>
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**13. DISPOSAL CONSIDERATIONS**

<p><b>Waste disposal methods</b></p> <p><b>Contaminated Packaging</b></p>	<p>Improper disposal of excess pesticide, spray mixture, or rinsate is prohibited. If these wastes cannot be disposed of by use according to label instructions, contact appropriate disposal authorities for guidance.</p> <p>Containers must be disposed of in accordance with local, state and federal regulations. Refer to the product label for container disposal instructions.</p>
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**14. TRANSPORT INFORMATION**

DOT This material is not a hazardous material as defined by U.S. Department of Transportation at 49 CFR Parts 100 through 185.

TDG Classification below is only applicable when shipped by vessel and is not applicable when shipped by road or rail only.

<p><b>UN/ID no</b>  <b>Proper Shipping Name</b>  <b>Hazard class</b>  <b>Packing Group</b>  <b>Marine Pollutant</b>  <b>Description</b></p>	<p>UN3082                  Environmentally hazardous substance, liquid, n.o.s.                  9                  III                  Bifenthrin.                  UN3082, Environmentally hazardous substance, liquid, n.o.s. (Bifenthrin), 9 PG III</p>
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<p><u>ICAO/IATA</u>  <b>UN/ID no</b>  <b>Proper Shipping Name</b>  <b>Hazard class</b>  <b>Packing Group</b>  <b>Special Provisions</b></p> <p><b>Description</b>  <b>Limited quantity</b></p>	<p>UN3082                  Environmentally hazardous substance, liquid, n.o.s.                  9                  III                  When shipped by air within the USA, this product is not regulated as a Marine Pollutant in non-bulk packages and does not require identification as a Marine Pollutant; however, when shipped by air within, to and/or from ADR signatory countries, identify UN3082, Environmentally hazardous substance, liquid, n.o.s. (Bifenthrin), 9 PG III                  30 kg G</p>
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IMDG/IMO

UN/ID no UN3082  
 Proper Shipping Name Environmentally hazardous substance, liquid, n.o.s.  
 Hazard class 9  
 Packing Group III  
 EmS No. F-A, S-F  
 Marine Pollutant Bifenthrin  
 Description UN3082, Environmentally hazardous substance, liquid, n.o.s. (Bifenthrin), 9 PG III

**15. REGULATORY INFORMATION**

**U.S. Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). 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-No	Weight %	SARA 313 - Threshold Values %
Bifenthrin - 82657-04-3	82657-04-3	7.9	1.0

**SARA 311/312 Hazard Categories**

Acute health hazard Yes  
 Chronic health hazard Yes  
 Fire hazard No  
 Sudden release of pressure hazard No  
 Reactive Hazard No

**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).

**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). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**FIFRA Information**

*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, inhaled or absorbed through skin.  
 This pesticide is extremely toxic to fish and aquatic invertebrates.*

**US State Regulations**

**California Proposition 65**

This product contains the following Proposition 65 chemicals:

Chemical name	California Prop. 65
Sodium o-phenylphenate - 132-27-4	Carcinogen

**U.S. State Right-to-Know Regulations**

Chemical name	New Jersey	Massachusetts	Pennsylvania
Bifenthrin 82657-04-3	X		
Propylene glycol 57-55-6	X		X

**International Inventories**

Mexico - Grade Moderate risk, Grade 2

WHMIS Hazard Class D2B - Toxic materials



**16. OTHER INFORMATION**

NFPA	Health Hazards 2	Flammability 0	Instability 0	Special Hazards -
HMIS	Health Hazards 2*	Flammability 0	Physical hazard 0	Personal Protection X

\*Indicates a chronic health hazard.

Revision date: 2015-03-03  
 Revision note: Format Change

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FMC Corporation

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Issuing Date: 2014-05-05

**End of Safety Data Sheet**



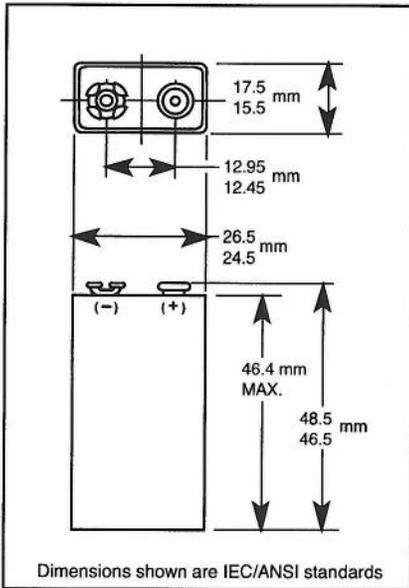
PC1604  
Size: 9V (6LR61)

Zn/MnO<sub>2</sub>

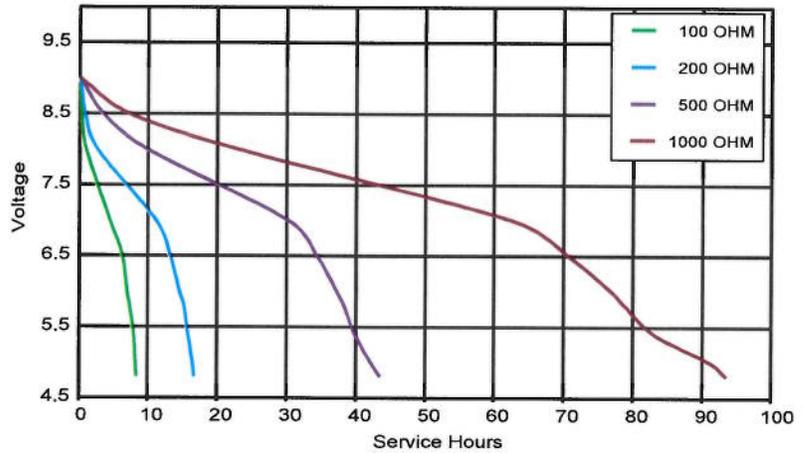
Alkaline-Manganese Dioxide Battery



<b>Nominal Voltage:</b>	9 V
<b>Operating Voltage:</b>	9.6 - 4.8 V
<b>Impedance:</b>	1,700 m-ohm @ 1kHz
<b>Typical Weight:</b>	45 gm (1.6 oz.)
<b>Typical Volume:</b>	22.8 cm <sup>3</sup> (1.4 in. <sup>3</sup> )
<b>Terminals:</b>	Miniature Snap
<b>Storage Temperature Range:</b>	-20°C to 35°C
<b>Operating Temperature Range:</b>	-20°C to 54°C (-4°F to 130°F)
<b>ANSI:</b>	1604A
<b>IEC:</b>	6LR61



TYPICAL DISCHARGE CHARACTERISTICS AT 21°C (70°F)



**DURACELL**  
BATTERIES

Berkshire Corporate Park  
Bethel, CT 06801 U.S.A.  
Telephone: Toll-free 1-800-544-5454  
Internet: www.duracell.com

\* Delivered capacity is dependent on the applied load, operating temperature and cut-off voltage. Please refer to the charts and discharge data shown for examples of the energy / service life that the battery will provide for various load conditions.