



Safety Data Sheet

Issue date 22-Jan-2015

Version 1

1. Identification of the Substance/Preparation and of the Company/Undertaking

Product Identifier

Product name CHAMPION SPRAYON INDOOR INSECT FOGGER FORMULA 3
Chemical name 7-7665

Other means of identification

Product code FG 438-5105-2 GHS
Synonyms Total release fogger insecticide
Registration number(s) 498-146

Recommended use of the chemical and restrictions on use

Recommended Use Flying and crawling insect killer.
Uses advised against See directions for use on product's label.

Details of the supplier of the safety data sheet

Supplier Address	Manufacturer Address
Chase Products Co. 2727 Gardner Road Broadview, IL 60155 708-273-1121	Chase Products Co. 2727 Gardner Road Broadview, IL 60155 708-273-1121

Emergency Telephone Number

Company Phone Number 708-865-1000
24 Hour Emergency Phone Number 1-800-255-3924
Emergency telephone ChemTel 1-800-255-3924

2. Hazards Identification

Classification

This chemical is regulated by FIFRA.

Acute toxicity - Inhalation (Gases)	Category 4
Skin sensitization	Category 1
FLAMMABLE AEROSOLS	Category 1
Gases Under Pressure	liquefied gas

Label Elements

EMERGENCY OVERVIEW

DANGER

hazard statements

HARMFUL IF INHALED
May cause an allergic skin reaction
EXTREMELY FLAMMABLE AEROSOL
Contains gas under pressure; may explode if heated



Appearance White emulsion.

Physical State Aerosol

Odor Characteristic odor of insecticide and petroleum distillate.

Precautionary Statements - Prevention

Avoid breathing fumes, mist, vapors or spray.
 Use only outdoors or in a well-ventilated area
 Contaminated work clothing should not be allowed out of the workplace
 Wear protective gloves
 Keep away from heat, sparks, open flames and hot surfaces. — No smoking
 Pressurized container: Do not pierce or burn, even after use
 Do not spray on an open flame or other ignition source

Precautionary Statements - Response

Specific measures. See additional cautionary statements on this label.
 IF ON SKIN: Wash with plenty of soap and water
 If skin irritation or rash occurs: Get medical advice/attention
 Wash contaminated clothing before reuse
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 Call a POISON CENTER or doctor if you feel unwell.

Precautionary Statements - Storage

Protect from sunlight. Store in a well-ventilated place
 Do not expose to temperatures exceeding 50°C (122 °F)

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Other Information

- Very toxic to aquatic life with long lasting effects
 - Very toxic to aquatic life
- 1.5% of the mixture consists of ingredient(s) of unknown toxicity

3. Composition/information on Ingredients

Common Name Insecticide spray.
Synonyms Total release fogger insecticide.
Chemical Family Pesticide.
Formula 7-7665
Chemical nature Oil-water emulsion.

Chemical name	CAS No	weight-%	Trade secret
n-butane	106-97-8	25-30	*
Propane	74-98-6	5-10	*
Solvent naphtha (petroleum), heavy aliphatic	64742-96-7	5-10	*
Petroleum distillates, hydrotreated light	64742-47-8	1-5	*
Permethrin	52645-53-1	0.4	*
Pyrethrins	8000-34-7	0.05	*

Chemical Additions See label for active ingredients information.

* The exact percentage (concentration) of composition has been withheld as a trade secret.

4. First aid measures

FIRST AID MEASURES

Eye Contact	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.
Skin contact	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
inhalation	If overcome by vapor, move person to fresh air. If person is not breathing, call 911 or an ambulance, then provide artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.
INGESTION	Ingestion from an aerosol product is unlikely to occur.

Most important symptoms and effects, both acute and delayed

Symptoms	Prolonged contact with skin may cause allergic reactions on some individuals. Harmful if inhaled.
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Indication of any immediate medical attention and special treatment needed

Note to physicians	Contains petroleum distillates, do not induce vomiting because of aspiration pneumonia hazard.
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5. Fire-fighting measures

Suitable extinguishing media

CO2 (Carbon Dioxide), dry chemical, or water fog.

Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

This product is under pressure. Water spray may be used to cool cans in the vicinity of fire or excessive heat to prevent the explosion of the cans.

Hazardous combustion products Thermal decomposition may yield gases like nitrogen oxides, carbon monoxide and carbon dioxide. Chlorine gas and hydrogen chloride may also be formed under fire conditions.

Explosion data

Sensitivity to Mechanical Impact Contents under pressure, keep away from heat and open flame.

Sensitivity to Static Discharge Keep away from heat, sparks, flame, and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions	Use with adequate general or local exhaust ventilation.
For emergency responders	Remove all sources of ignition.

Environmental Precautions

Environmental Precautions	See Section 12 for additional Ecological Information.
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Methods and material for containment and cleaning up

Methods for Containment	Provide adequate ventilation. Avoid sources of ignition. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).
Methods for cleaning up	Clean contaminated surface thoroughly.
Prevention of secondary hazards	Pyrethrins and pyrethroids are toxic to fish and other aquatic invertebrates. Contaminated absorbent and wash water should be disposed of according to local, state and federal regulations.

7. Handling and Storage

Precautions for safe handling

Advice on safe handling	Avoid contact with skin. Avoid getting spray into eyes. Do not deliberately inhale vapor or mist. Do not contaminate food or food handling surfaces. Keep out of reach of children.
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Conditions for safe storage, including any incompatibilities

Storage Conditions	Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). AEROSOL STORAGE LEVEL I (NFPA-30B) .
Incompatible Materials	Avoid heat, open flame and contact with strong acids, strong bases and strong oxidizers.

8. Exposure Controls/Personal Protection

Control parameters

Exposure guidelines	See occupational exposure limits listed below.
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Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
n-butane 106-97-8	STEL: 1000 ppm	(vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m ³	TWA: 800 ppm TWA: 1900 mg/m ³
Propane 74-98-6	TWA: 1000 ppm	TWA: 1000 ppm TWA: 1800 mg/m ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m ³	IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m ³

Appropriate engineering controls

Engineering controls	Use with adequate general or local exhaust ventilation.
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Individual protection measures, such as personal protective equipment

Eye/face Protection	Conventional eyeglasses to guard against splashing.
Skin and Body Protection	Rubber, vinyl or household type gloves required.
Respiratory protection	None required. DO NOT remain in the area during treatment. Do not reenter area for 4 hours. Ventilate thoroughly before reentry.
General hygiene considerations	Wash hands thoroughly after handling.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Physical State	Aerosol
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FG 438-5105-2 GHS CHAMPION SPRAYON INDOOR INSECT FOGGER FORMULA 3

Appearance	White emulsion.	Odor	Characteristic odor of insecticide and petroleum distillate.
Color	white	Odor threshold	No information available
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
pH	Not applicable	Water-oil emulsion.	
Melting point/freezing point	Not applicable	No information available	
Boiling point/boiling range	Water 212 °F/100 °C	No information available	
Flash Point	Not Available. This is an aerosol product for which Flame Projection is 0 inches. Temperatures above 120 F may cause cans to burst.	No information available	
Evaporation Rate	Faster than butyl acetate.	No information available	
Flammability (solid, gas)		No information available	
Flammability Limits in Air		No information available	
Upper flammability limits			
Lower Flammability Limit			
Vapor pressure		No information available	
Vapor Density		No information available	
Specific gravity	0.975 concentrate	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	
Kinematic viscosity		No information available	
Dynamic viscosity		No information available	
Explosive properties	No information available		
Oxidizing properties	No information available		
<u>Other Information</u>			
Softening point	No information available		
Molecular weight	No information available		
VOC content (%)	44.31%		
Density	8.12 lb/gal		
Bulk Density	No information available		

10. Stability and Reactivity

Reactivity

Not applicable Not applicable

Chemical stability

Stable.

Possibility of hazardous reactions

Temperatures above 120 F may cause cans to burst with force.

hazardous polymerization

Hazardous polymerization does not occur.

Conditions to Avoid

Temperatures above 120 F.

Incompatible Materials

Avoid heat, open flame and contact with strong acids, strong bases and strong oxidizers.

Hazardous decomposition products

Thermal decomposition may yield gases like nitrogen oxides, carbon monoxide and carbon dioxide. Chlorine gas and hydrogen chloride may also be formed under fire conditions.

11. Toxicological Information

Information on likely routes of exposure

Product Information	Results below are for a very similar product with same concentration of active ingredients.
inhalation	Acute Inhalation IV (LC50 >5.98 mg/L).
Eye Contact	Primary Eye III.
Skin contact	Acute Dermal III (LD50 >2,000 mg/kg).
INGESTION	Acute Oral IV (LD50 >5,000 mg/kg).

Chemical name	Oral LD50	dermal LD50	Inhalation LC50
n-butane 106-97-8	-	-	= 658 g/m ³ (Rat) 4 h
Propane 74-98-6	-	-	= 658 mg/L (Rat) 4 h
Solvent naphtha (petroleum), heavy aliphatic 64742-96-7	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 5.28 mg/L (Rat) 4 h
Petroleum distillates, hydrotreated light 64742-47-8	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 5.2 mg/L (Rat) 4 h
Permethrin 52645-53-1	= 383 mg/kg (Rat) = 220 mg/kg (Rat)	> 2 g/kg (Rabbit) = 1750 mg/kg (Rat) > 5000 mg/kg (Rat)	> 0.69 mg/L (Rat) 4 h

Information on toxicological effects

Symptoms	Deliberate inhalation of concentrated vapor or mist may cause headache, dizziness and nausea.
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Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	Prolonged and repeated contact with skin may cause allergic reactions in some individuals.
Serious eye damage/eye irritation	Can cause irritation after contact with the eyes.
corrosivity	Not applicable.
sensitization	May cause sensitization by skin contact.
Germ Cell Mutagenicity	No information available.
carcinogenicity	The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Permethrin 52645-53-1		Group 2A Group 3		X

Reproductive Toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration Hazard	Not applicable.

Numerical measures of toxicity - Product Information

Unknown acute toxicity	1.5% of the mixture consists of ingredient(s) of unknown toxicity
The following values are calculated based on chapter 3.1 of the GHS document .	
ATEmix (inhalation-gas)	2293333 mg/l
ATEmix (inhalation-vapor)	658 mg/l

12. Ecological Information

This product does not contain marine pollutants.

ecotoxicity

FG 438-5105-2 GHS CHAMPION SPRAYON INDOOR INSECT FOGGER FORMULA 3

This pesticide is extremely toxic to fish. Do not contaminate water when disposing of equipment wash waters or rinsate.

42.5% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea
Petroleum distillates, hydrotreated light 64742-47-8		45: 96 h Pimephales promelas mg/L LC50 flow-through 2.4: 96 h Oncorhynchus mykiss mg/L LC50 static 2.2: 96 h Lepomis macrochirus mg/L LC50 static		4720: 96 h Daphnia magna mg/L LC50
Permethrin 52645-53-1		0.008 - 0.03: 96 h Pimephales promelas mg/L LC50 flow-through 0.001 - 0.009: 96 h Pimephales promelas mg/L LC50 static 0.015: 96 h Cyprinus carpio mg/L LC50 flow-through 0.0052 - 0.0077: 96 h Cyprinus carpio mg/L LC50 0.00079: 96 h Lepomis macrochirus mg/L LC50 flow-through 0.0108: 96 h Lepomis macrochirus mg/L LC50 0.00188 - 0.00336: 96 h Lepomis macrochirus mg/L LC50 static 0.00049 - 0.00097: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 0.0017 - 0.0048: 96 h Oncorhynchus mykiss mg/L LC50 static		

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Chemical name	Partition coefficient
n-butane 106-97-8	2.89
Propane 74-98-6	2.3
Permethrin 52645-53-1	6.5

Other adverse effects

No information available

13. Disposal Considerations**Waste treatment methods****Disposal of wastes**

Dispose of in accordance with federal, state and local regulations.

Contaminated packaging

Pressurized container: Do not pierce or burn, even after use. Do not puncture or incinerate container. If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions.

Chemical name	California Hazardous Waste Status
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Permethrin 52645-53-1	Toxic
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14. Transport Information

DOT Limited quantity (LQ) Indoor Insect Fogger
UN/ID no UN1950
Proper Shipping Name Limited quantity (LQ)
Hazard Class 2.1
Marine pollutant This product does not contain marine pollutants.

15. Regulatory information

International Inventories

TSCA All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.
DSL All ingredients are listed or are excluded from listing on the DSL.

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and 40 CFR 372. This information must be included in all SDSs that are copied and distributed for this material.

Chemical name	CAS No	weight-%	SARA 313 - Threshold Values %
Permethrin - 52645-53-1	52645-53-1	0.4	1.0

SARA 311/312 Hazard Categories

Acute Health Hazard yes
Chronic Health Hazard No
Fire Hazard No
Sudden release of pressure hazard No
Reactive Hazard No

CWA (Clean Water Act)

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

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

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
n-butane 106-97-8	X	X	X
Propane 74-98-6	X	X	X
Permethrin 52645-53-1	X	X	

U.S. EPA Label information**EPA Pesticide registration number** 498-146**EPA Statement**

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label: CAUTION: Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Breathing spray mist may be harmful. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

16. Other information**NFPA****Health Hazards** 1**Flammability** 1**Instability** 1**Physical and chemical properties** Not applicable**HMIS****Health Hazards** 1**Flammability** 2**Physical Hazards** 1**Personal Protection** B - Eyes and hands protection**Prepared by**

Regulatory Department

Issue date

22-Jan-2015

Revision note

This SDS supersedes a previous SDS dated August 26, 2014.

Disclaimer

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

End of Safety Data Sheet