



MATERIAL SAFETY DATA SHEET

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CHAMPION METERED INSECTICIDE

1. Product And Company Identification

Supplier Chase Products Co. 19th and Gardner Road Broadview, IL 60155 USA Company Contact: Laura E. Radevski Telephone Number: 708-865-1000 FAX Number: 708-865-0923 E-Mail: sales@chaseproducts.com Web Site: www.chaseproducts.com	Manufacturer Chase Products Co. 19th and Gardner Road Broadview, IL 60155 USA Company Contact: Laura E. Radevski Telephone Number: 708-865-1000 FAX Number: 708-865-0923 E-Mail: sales@chaseproducts.com Web Site: www.chaseproducts.com
Supplier Emergency Contacts & Phone Number Chem-Tel: 1-800-255-3924	Manufacturer Emergency Contacts & Phone Number Chem-Tel: 1-800-255-3924

Issue Date: 02/20/2013

Product Name: CHAMPION METERED INSECTICIDE

Chemical Name: 7-7880-3

CAS Number: Not Established

EPA Registry Number: 498-196

MSDS Number: 5292

Product Code: 438-5111-3

Product/Material Uses - Insecticide

2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
1,1-DIFLUOROETHANE	75-37-6	
HEPTANE	142-82-5	
PETROLEUM DISTILLATE	64742-47-8	
PIPERONYL BUTOXIDE	51-03-6	9
PYRETHRUM	8003-34-7	0.9

Hazardous components, according to OSHA, are listed when present at 1.0% or greater. Carcinogens are listed when present at 0.1% or greater.

3. Hazards Identification

Primary Routes(s) Of Entry - Ingestion (possible, but considered unlikely), eye contact, inhalation.

Eye Hazards - Irritant to the eyes.

Skin Hazards - May irritate the skin after prolonged contact. Harmful if absorbed.

Ingestion Hazards - This is an aerosol product, ingestion is unlikely to occur. Contains petroleum distillate, harmful if swallowed. If accidentally swallowed, do not induce vomiting. Call a physician immediately.

Inhalation Hazards - Harmful if inhaled. Deliberate inhalation of concentrated vapor or mist may cause headaches, dizziness and nausea.

Chronic/Carcinogenicity Effects - Lifetime high doses exposures to pyrethrum and piperonyl butoxide caused a high incidence of benign thyroid, parathyroid, ovary and liver tumors in mice and rats. The significance of these observations is questionable and under review. The doses at which tumors were observed for both pyrethrum and piperonyl butoxide greatly exceeded potential human exposure from labeled uses.

Carcinogenicity: No listed by NTP, IARC or OSHA.

Teratogenicity (Birth Defects) - Not known

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3. Hazards Identification - Continued

Reproductive Effects - Not known

Neurotoxicity - Not known

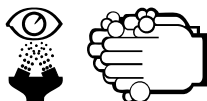
Mutagenicity (Genetic Effect) - Not known

Signs And Symptoms - Acute: Deliberate inhalation of concentrated vapor or mist may cause headaches, dizziness and nausea. Prolonged contact with the skin may cause irritation. Harmful if absorbed through the skin. Harmful if inhaled. Irritant to eyes.

Conditions Aggravated By Exposure - Pre-existing skin and respiratory disorders.

Conditions Aggravated By Overexposure - Pre-existing skin and respiratory disorders.

First Aid (Pictograms)



4. First Aid Measures

Eye - 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 - 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.

Ingestion - If swallowed, call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

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.

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

5. Fire Fighting Measures

Flash Point: Not available °F Not available °C

Flash Point Method: Not available

Lower Explosive Limit: Not available

Upper Explosive Limit: Not available

Fire And Explosion Hazards - This product is an aerosol product for which Flame Projection is 10 in with 0 in, flashback. Temperatures above 120 F may cause cans to burst.

Extinguishing Media - Use CO2 (Carbon Dioxide), dry chemical, or water fog.

Fire Fighting Instructions - Water spray may be used to cool cans in the vicinity of fire or excessive heat.

6. Accidental Release Measures

Provide adequate ventilation to area being treated. Soak up spills with chemically inert, absorbent material.

Handling & Storage (Pictograms)



7. Handling And Storage

Handling And Storage Precautions - Handle as an extremely flammable material. Store in a cool, dry place away from heat and open flame. This product is designed for use in an automatically timed dispensing cabinet. Carefully follow all the directions for use listed on the label.

Handling Precautions - Do not deliberately inhale vapor or spray mist. Avoid contact with skin and eyes. Keep out of

CHAMPION METERED INSECTICIDE

7. Handling And Storage - Continued

reach of children.

Storage Precautions - Keep away from heat, sparks, flame, and other sources of ignition (i.e., pilot lights, electric motors and static electricity). AEROSOL STORAGE LEVEL III (NFPA-30B)

Work/Hygienic Practices - Wash hands thoroughly after using this product.

Protective Clothing (Pictograms)



8. Exposure Controls/Personal Protection

Engineering Controls - Use with adequate general or local exhaust ventilation.

Eye/Face Protection - Conventional eyeglasses to guard against splashing.

Skin Protection - Rubber or household type gloves, if desired.

Respiratory Protection - None required if used in a well-ventilated area. Follow label directions carefully.

Ingredient(s) - Exposure Limits

1,1-DIFLUOROETHANE

1000 ppm (Recommended by DuPont)

HEPTANE

ACGIH TLV-TWA 400 ppm, OSHA PEL-TWA 500 ppm

PETROLEUM DISTILLATE

OSHA PEL 500 ppm or 5mg/m³ as oil mist, mineral ; ACGIH TLV 100ppm or 5mg/m³ as oil mist, mineral

PYRETHRUM

ACGIH TLV-TWA 5 mg/m³ ; OSHA PEL-TWA 5 mg/m³

9. Physical And Chemical Properties

Appearance - Clear, dark yellow, light liquid.

Odor - Characteristic odor of insecticide and petroleum distillate.

Chemical Type: Mixture

Physical State: Liquid

Melting Point: Not applicable °F Not applicable °C

Boiling Point: Heptane 203 °F Heptane 95 °C

Specific Gravity: 0.793 to 0.800 concentrate

Percent VOCs: 24.02

pH Factor: NA

Solubility: Insoluble

Evaporation Rate: Faster than butyl acetate

10. Stability And Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Conditions To Avoid (Stability) - Temperatures above 120 F

Incompatible Materials - Avoid heat, open flame and contact with strong oxidizers.

Hazardous Decomposition Products - Thermal decomposition may yield gases like carbon monoxide and carbon dioxide.

Conditions To Avoid (Polymerization) - Temperatures above 120 F

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11. Toxicological Information

No Data Available...

12. Ecological Information

Ecotoxicological Information - This product contains ingredients that are toxic to fish. Do not spray into lakes, streams, ponds, estuaries or other waters.

13. Disposal Considerations

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.

14. Transport Information

Proper Shipping Name - Limited Quantity - Metered insecticide

Hazard Class

2.1

DOT Identification Number

UN1950

DOT Shipping Label

Aerosol Consumer Commodity

15. Regulatory Information

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

SARA Hazard Classes

Acute Health Hazard; Chronic Health Hazard; Fire Hazard

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical

SARA Section 313 Notification - This product contains the following toxic chemicals (above the de minimis level) subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372. This information must be included in all MSDSs that are copied and distributed for this material: Piperonyl Butoxide. See section 2 for % amount in the product.

Ingredient(s) - U.S. Regulatory Information

PIPERONYL BUTOXIDE

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical

Ingredient(s) - State Regulations

PIPERONYL BUTOXIDE

New Jersey - Environmental Hazard

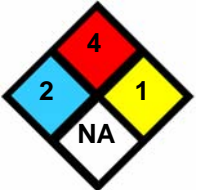
PYRETHRUM

New Jersey - Workplace Hazard; Pennsylvania - Workplace Hazard; Massachusetts - Hazardous Substance; New York City - Hazardous Substance

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NFPA	HMIS								
	<table border="1"><tr><td>HEALTH</td><td style="text-align: center;">2</td></tr><tr><td>FLAMMABILITY</td><td style="text-align: center;">4</td></tr><tr><td>REACTIVITY</td><td style="text-align: center;">1</td></tr><tr><td>PERSONAL PROTECTION</td><td style="text-align: center;">B</td></tr></table>	HEALTH	2	FLAMMABILITY	4	REACTIVITY	1	PERSONAL PROTECTION	B
HEALTH	2								
FLAMMABILITY	4								
REACTIVITY	1								
PERSONAL PROTECTION	B								

16. Other Information

Revision/Preparer Information

MSDS Preparer: Regulatory Department

MSDS Preparer Phone Number: 708-865-1000

This MSDS Supersedes A Previous MSDS Dated: 01/18/2012

Disclaimer

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Chase Products Co.