



# MATERIAL SAFETY DATA SHEET

## CHAMPION METERED INSECTICIDE

1. Product And Company Identification	
<b>Supplier</b> Chase Products Co. 19th and Gardner Road Broadview, IL 60155 USA  <b>Company Contact:</b> Aludia B. Hernandez <b>Telephone Number:</b> 708-865-1000 <b>FAX Number:</b> 708-865-0923 <b>E-Mail:</b> sales@chaseproducts.com <b>Web Site:</b> www.chaseproducts.com	<b>Manufacturer</b> Chase Products Co. 19th and Gardner Road Broadview, IL 60155 USA  <b>Company Contact:</b> Aludia B. Hernandez <b>Telephone Number:</b> 708-865-1000 <b>FAX Number:</b> 708-865-0923 <b>E-Mail:</b> sales@chaseproducts.com <b>Web Site:</b> www.chaseproducts.com
<b>Supplier Emergency Contacts &amp; Phone Number</b> Chem-Tel: 1-800-255-3924	<b>Manufacturer Emergency Contacts &amp; Phone Number</b> Chem-Tel: 1-800-255-3924
<b>Issue Date:</b> 02/06/2002  <b>Product Name:</b> CHAMPION METERED INSECTICIDE <b>Chemical Name:</b> 7-7880 <b>CAS Number:</b> Not Established <b>EPA Registry Number:</b> 498-196 <b>MSDS Number:</b> 1381 <b>Product Code:</b> 438-5111 <b>Product/Material Uses</b> - Insecticide	

2. Composition/Information On Ingredients			
Ingredient Name	CAS Number		Percent Of Total Weight
ACETONE	67-64-1		
BUTANE	106-97-8		
PETROLEUM DISTILLATE	64742-47-8		
PIPERONYL BUTOXIDE	51-03-6		5 - 10
PROPANE	74-98-6		
PYRETHRUM	8003-34-7		
The ingredients listed on this section are only the hazardous components of the product.			

3. Hazards Identification
<b>Primary Routes(s) Of Entry</b> - Ingestion (possible, but considered unlikely), eye contact, inhalation. <b>Eye Hazards</b> - Irritant to the eyes. <b>Skin Hazards</b> - May irritate the skin after prolonged contact. Harmful if absorbed. <b>Ingestion Hazards</b> - This is an aerosol product, ingestion is unlikely to occur. Contains petroleum distillate, harmful if swallowed. If accidentally swallowed, do not induce vomiting. Call physician immediately. <b>Inhalation Hazards</b> - Deliberate inhalation of concentrate vapor or mist may cause headaches, dizziness and nausea. <b>Chronic/Carcinogenicity Effects</b> - 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.



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### 3. Hazards Identification - Continued

**Epidemiology** - None known

**Teratogenicity (Birth Defects)** - None known

**Reproductive Effects** - None known

**Neurotoxicity** - None known

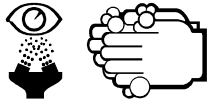
**Mutagenicity (Genetic Effect)** - None known

**Signs And Symptoms** - Acute: Deliberate inhalation of concentrate vapor or mist may cause headaches, dizziness and nausea. Prolonged contact with the skin may cause irritation. Harmful if absorbed through the skin. 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** - Flush from eyes with plenty of water. Consult physician if injury develops.

**Skin** - Wash skin with soap and water. If irritation develops, consult a physician.

**Ingestion** - Ingestion from an aerosol product is unlikely to occur. Contains petroleum distillates. Harmful if swallowed. If accidentally swallowed, do not induce vomiting, call physician immediately.

**Inhalation** - If overcome by vapor, move victim to fresh air.

### 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 16 in with 1 in, flashback.** Temperatures above 120 F may cause cans to burst.

**Extinguishing Media** - Use CO<sub>2</sub> (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.

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

**Storage Precautions** - Keep away from heat, sparks, flame, and other sources of ignition (i.e., pilot lights, electric



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### 7. Handling And Storage - Continued

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 and 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**

ACETONE

ACGIH TLV-STEL 750 ppm ; ACGIH TLV-TWA 500 ppm ; OSHA PEL-TWA 1,000 ppm

BUTANE

ACGIH TLV-TWA 800 ppm

PETROLEUM DISTILLATE

OSHA PEL 500 ppm or 5mg/m<sup>3</sup> as oil mist, mineral ; ACGIH TLV 100ppm or 5mg/m<sup>3</sup> as oil mist, mineral

PROPANE

ACGIH TLV-TWA 2500 ppm ; OSHA PEL-TWA 1,000 ppm

PYRETHRUM

ACGIH TLV-TWA 5 mg/m<sup>3</sup> ; OSHA PEL-TWA 5 mg/m<sup>3</sup>

### 9. Physical And Chemical Properties

**Appearance** - Clear, yellowish, 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:** Petroleum distillate 226 °F Petroleum distillate 108 °C

**Specific Gravity:** 0.863 concentrate

**Percent VOCs:** 26.2

**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.



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## CHAMPION METERED INSECTICIDE

### 10. Stability And Reactivity - Continued

**Conditions To Avoid (Polymerization)** - Temperatures above 120 F

### 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

Wrap empty container in newspaper and dispose of it in non-incinerated trash only.

### 14. Transport Information

**Proper Shipping Name** - ORM-D Consumer Commodity

**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 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 % amounts in the product.

**Ingredient(s) - U.S. Regulatory Information**

PIPERONYL BUTOXIDE

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical; SARA - Chronic Health Hazard

**Ingredient(s) - State Regulations**

ACETONE

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

BUTANE

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

PIPERONYL BUTOXIDE

New Jersey - Environmental Hazard



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### 15. Regulatory Information - Continued

#### Ingredient(s) - State Regulations - Continued

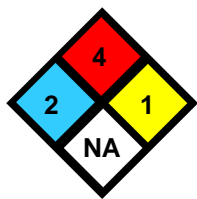
PROPANE

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

PYRETHRUM

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

#### NFPA



#### HMIS

HEALTH	2
FLAMMABILITY	4
REACTIVITY	1
PERSONAL PROTECTION	B

### 16. Other Information

#### Revision/Preparer Information

MSDS Preparer: Laura E. Radevski

MSDS Preparer Phone Number: 708-865-1000

#### Disclaimer

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