



# MATERIAL SAFETY DATA SHEET

## SPRAYPAK FLYING & CRAWLING INSECT KILLER

*Residual Insect Spray*

### 1. Product And Company Identification

**Supplier**

Chase Products Co.  
19th and Gardner Road  
Broadview, IL 60155 USA

Company Contact: Aludia B. Hernandez  
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: Aludia B. Hernandez  
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: 02/07/2007

Product Name: SPRAYPAK FLYING & CRAWLING INSECT KILLER

Chemical Name: 7-7956-1

CAS Number: Not Established

EPA Registry Number: 498-174

MSDS Number: 3984

Product Code: 433-4106-5

Product/Material Uses - Insecticide

### 2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
ISOBUTANE	75-28-5	
PERMETHRIN	52645-53-1	0.4
PETROLEUM DISTILLATE	64742-47-8	
PIPERONYL BUTOXIDE	51-03-6	1
PROPANE	74-98-6	

The ingredients listed on this section are only the hazardous components of the product.

### 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.

**Ingestion Hazards** - This is an aerosol product, ingestion is unlikely to occur. Harmful if swallowed - may cause gastrointestinal effects such as nausea, vomiting and diarrhea.

**Inhalation Hazards** - Deliberate inhalation of concentrate vapor or mist may cause headaches, dizziness and nausea.

**Chronic/Carcinogenicity Effects** - Not known chronic effects based on available data. None of the ingredients, present in excess of 0.1%, are listed as carcinogenic by NTP, IARC or OSHA.

**Teratogenicity (Birth Defects)** - Not known

**Reproductive Effects** - Not known

**Neurotoxicity** - Not known

**Mutagenicity (Genetic Effect)** - Not known

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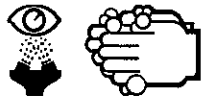
### 3. Hazards Identification - Continued

**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. 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** - Wash skin with soap and water.

**Ingestion** - Ingestion from an aerosol product is unlikely to occur. Harmful if swallowed.

**Inhalation** - If overcome by vapor move victim 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 advise.

### 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 0 in.** Temperatures above 120 F may cause cans to burst.

**Extinguishing Media** - Use CO2 (Carbon Dioxide), dry chemical, foam 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 such as granular clay, saw dust, or pet litter.

### 7. Handling And Storage

**Handling And Storage Precautions** - 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. Avoid contamination of feed and foodstuffs. Keep out of 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 I (NFPA-30B)**

**Work/Hygienic Practices** - Wash hands thoroughly, with soap and water, after using this product.

### Protective Clothing (Pictograms)



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### 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. Do not remain in the area during treatment. Follow label directions.

#### **Ingredient(s) - Exposure Limits**

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

### 9. Physical And Chemical Properties

**Appearance** - Off-white emulsion.

**Odor** - Cedarwood

**Chemical Type:** Mixture

**Physical State:** Liquid

**Melting Point:** Not applicable °F Not applicable °C

**Boiling Point:** water 212 °F water 100 °C

**Specific Gravity:** 0.945 - 0.952 concentrate

**Percent VOCs:** 14.53

**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

### 11. Toxicological Information

No Data Available...

### 12. Ecological Information

**Ecotoxicological Information** - This product is toxic to fish, do not apply to any body of water.

### 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 or 1-800-CLEANUP for disposal instructions.

### 14. Transport Information

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

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## SPRAYPAK FLYING & CRAWLING INSECT KILLER

### 14. Transport Information - Continued

**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

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: Permethrin and Piperonyl Butoxide. See section 2 for % amounts in the product.

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

PERMETHRIN

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

PIPERONYL BUTOXIDE

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

**Ingredient(s) - State Regulations**

ISOBUTANE

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

PERMETHRIN

New Jersey - Workplace Hazard; New Jersey - Environmental Hazard; Massachusetts - Hazardous Substance

PIPERONYL BUTOXIDE


New Jersey - Environmental Hazard

PROPANE

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

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

### 16. Other Information

#### Revision/Preparer Information

MSDS Preparer: Laura E. Radevski

MSDS Preparer Phone Number: 708-865-1000

This MSDS Supersedes A Previous MSDS Dated: 04/04/2006

#### Disclaimer

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Chase Products Co.

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