



MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND DISTRIBUTOR'S INFORMATION

NFPA Rating: Health-1; Flammability-2; Reactivity-0; Special-		HMIS Rating: Health-1; Flammability-2; Reactivity-0; Personal Protection-8	
Manufacturer's Name: AMREP, INC.		DOT Hazard Classification: ORM-D	
Address: 990 Industrial Park Drive		Identity (trade name as used on label):	
Address: Marietta, Ga. 30062		I-CHEM WASP AND HORNET KILLER # ICA437	
Phone: 770-422-2071		MSDS Number: A00437	Revision: 3
EMERGENCY RESPONSE NUMBER: 1(800)285-3924		Date Prepared: 06/30/00	Prepared By: DL/CKH
NOTICE: JUDGMENT BASED ON INDIRECT TEST DATA		Information Calls: (770)422-2071	

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
PETROLEUM DISTILLATE	64742-47-8	No	NE	NE	d
TETRAMETHRIN	7696-12-0	Yes (0.1 - 0.2%)	NE	NE	d
PERMETHRIN	52645-53-1	Yes (0.1 - 0.4%)	NE	NE	d
PIPERONYL BUTOXIDE	51-03-6	Yes (0.4-0.6%)	NE	NE	d

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Bolling Point: N/A	Specific Gravity (H ₂ O=1): Concentrate Only = .80
Vapor Pressure: PSIG @ 70°F (Aerosols): 85-100	Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): N/A
Vapor Density (Air = 1): N/E	Evaporation Rate (= 1): N/E
Solubility in Water: None	Water Reactive: No
Appearance and Odor: Jet stream spray with petroleum distillate odor.	

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) NOT FLAMMABLE		Auto Ignition Temperature N/E	Flammability Limits in Air by % in Volume: % LEL: N/E % UEL: N/E	
FLASH POINT AND METHOD USED (non-aerosols): N/A		EXTINGUISHER MEDIA: Foam, dry chemical, carbon dioxide.		
SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus.				
Unusual Fire & Explosion Hazards: Do not expose aerosols to temperatures above 130°F or the container may rupture.				

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY [X] STABLE [] UNSTABLE	HAZARDOUS POLYMERIZATION [] WILL [X] WILL NOT OCCUR
Incompatibility (Mat. to avoid): Strong oxidizing agents.	Conditions to Avoid: Open flame, welding arcs, heat, sparks.
Hazardous Decomposition Products: CO, CO ₂ .	

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: [X] INHALATION [] INGESTION [] SKIN ABSORPTION [] EYE [] NOT HAZARDOUS	
ACUTE EFFECTS	
Inhalation: Excessive inhalation of vapors can be harmful and may cause headache, dizziness, anesthetic effects, nausea, respiratory depression, cholinesterase depression.	
Eye Contact: May cause irritation.	Skin Contact: May cause irritation and mild defatting of skin.
Ingestion: Possible chemical pneumonitis if aspirated into lungs. Nausea, vomiting.	
CHRONIC EFFECTS: (Effects due to excessive exposure to the raw materials of this mixture) May cause cardiac abnormalities, central nervous system depression, lung, kidney, liver damage, inhibits cholinesterase.	
Medical Conditions Generally Aggravated by Exposure: May aggravate existing eye, skin, or upper respiratory conditions.	

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush with water for 15 minutes. If irritated, seek medical attention.
Skin Contact: Wash with soap and water. If irritated, seek medical attention.
Inhalation: Remove to fresh air. Resuscitate if necessary. Get medical attention.
Ingestion: DO NOT INDUCE VOMITING. Drink two large glasses of water. Get immediate medical attention.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): If vapor concentration exceeds TLV, use respirator approved by U.S. Bureau of Mines for organic vapor.	
Protective Gloves: Rubber, if skin easily irritated.	Eye Protection: Safety glasses recommended.
Ventilation Requirements: Adequate ventilation to keep vapor concentration below TLV.	
Other Protective Clothing & Equipment: None	
Hygienic Work Practices: Wash with soap and water before handling food. Remove contaminated clothing.	

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken If Material Is Spilled Or Released: Absorb with suitable medium. Incinerate or landfill according to local, state or federal regulations. DO NOT FLUSH TO SEWER.
Waste Disposal Methods: Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.
Precautions To Be Taken In Handling & Storage: Do not puncture or incinerate containers. Do not store at temperatures above 130°F.
Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Avoid food contamination. Avoid breathing vapors.
Remove ignition sources.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

** Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only

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SPRAYPAK WASP BEE HORNET

Chase

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: 05/22/2001

Product Name: SPRAYPAK WASP BEE HORNET

Chemical Name: 7-7736

CAS Number: Not Established

EPA Registry Number: 498-156

MSDS Number: 767

Product Code: 433-4108

Product/Material Uses - Insecticide

2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
CARBON DIOXIDE	124-38-9	
LOW ODOR MINERAL SPIRITS	64742-88-7	
TETRAMETHRIN	7696-12-0	0.2

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

3. Hazards Identification

Primary Route(s) Of Entry - Ingestion (possible, but considered unlikely), eye and skin contact, inhalation..**Eye Hazards** - Irritant to the eyes.**Skin Hazards** - Irritant to the skin after prolonged contact.**Ingestion Hazards** - This is an aerosol product, ingestion is unlikely to occur.**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.**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 causes irritation. Irritant to eyes.**Conditions Aggravated By Exposure** - Pre-existing skin and respiratory disorders.**Conditions Aggravated By Overexposure** - Pre-existing skin and respiratory disorders.

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MATERIAL SAFETY DATA SHEET**SPRAYPAK WASP BEE HORNET****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. Consult physician if injury develops.

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

Inhalation - If overcome by vapor, move victim to fresh air. Restore respiration if necessary.

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 18 in. with 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 - 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 motors and static electricity). **AEROSOL STORAGE LEVEL III (NFPA-30B)**

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

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.

Respiratory Protection - None required if used in a well-ventilated area. When using indoors, keep windows and doors open until fumes dissipate. Follow label directions.

Ingredient(s) - Exposure Limits**CARBON DIOXIDE**

ACGIH TLV-STEL 30,000 ppm ; ACGIH TLV-TWA 5,000 ppm ; OSHA PEL-TWA 5,000 ppm

LOW ODOR MINERAL SPIRITS

OSHA PEL 500 ppm ; ACGIH TLV 100ppm Limits for Stoddard solvent used as a guide.

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MATERIAL SAFETY DATA SHEET**SPRAYPAK WASP BEE HORNET****9. Physical And Chemical Properties****Appearance** - Clear to slight yellow liquid.**Odor** - Petroleum distillate odor.**Chemical Type:** Mixture**Physical State:** Liquid**Melting Point:** Not applicable °F Not applicable °C**Boiling Point:** Low Odor Mineral Spirits 318-402 °F 182 °C**Specific Gravity:** 0.78 concentrate**Percent VOCs:** 96.68**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

No Data Available...

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; 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.

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15. Regulatory Information - Continued

This information must be included in all MSDSs that are copied and distributed for this material: Tetramethrin. See section 2 for % amounts in the product.

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

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

Ingredient(s) - State Regulations**CARBON DIOXIDE**

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

TETRAMETHRIN

New Jersey - Environmental Hazard

NFPA**HMIS**

2
4
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:** 05/22/2001**Disclaimer**

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purposes(s).

Chase Products Co.

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