



ZEP Manufacturing Company
 Acuity Specialty Products Group, Inc.
 P.O. Box 2015
 Atlanta, GA 30301
 1-877-I-BUY-ZEP (428-9937)
 www.zep.com

Material Safety Data Sheet and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name ZEP WASP & HORNET KILLER
Product Use Insecticide.
Product Code 0284
Date of issue 01/10/06 **Supersedes**

This product is a registered pesticide. Number: 40849-77-1270

Emergency For MSDS Information:

Telephone Numbers Acuity Specialty Products Group, Inc.
Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency

INFOTRAC:
(877) 541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency

CHEMTREC:
(800) 424-9300 - All Calls Recorded
In the District of Columbia (202) 483-7616

Printing date: 01/10/06

Prepared by Compliance Services Group
 Acuity Specialty Products Group
 1420 Seaboard Industrial Blvd.
 Atlanta, GA 30318

Section 2. Composition, Information on Ingredients

| Name of Hazardous Ingredients | CAS # | % by Weight | Exposure Limits |
|--|-------------------------|--------------|--|
| ISOPARAFFINIC SOLVENT; hydrotreated light distillate (petroleum) Tetramethrin | 64742-47-8 7696-12-0 | >95 0.10 | TWA: 300 ppm ACGIH TLV (United States). TWA: 10 mg/m ³ 8 hour(s). Form: Dust |
| Permethrin PIPERONYL BUTOXIDE; alpha-(2-(2-butoxyethoxy)ethoxy)-4,5-(methylenedioxy)-2-propyl-toluene | 52645-53-1 51-03-6 | 0.25 0.50 | Not established Not established |

Section 3. Hazards Identification

Acute Effects

Routes of Entry

Skin Non-irritating under conditions of use. May cause allergic reactions to certain individuals. Prolonged or repeated contact may dry skin and cause irritation.
Eyes Causes eye irritation. Inflammation of the eye is characterized by redness, watering, and itching.

Inhalation Inhalation not likely under normal use conditions.

Ingestion Harmful if swallowed. Aspiration hazard if swallowed- can enter lungs and cause damage.

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse health effects are lessened by following all prescribed safety precautions, including use of proper personal protective equipment.

Carcinogenic Effects

Classified C (Possible for human.) by EPA [Piperonyl Butoxide].

Chronic Effects

Prolonged or repeated contact may dry skin and cause irritation. Defatting properties, may aggravate an existing dermatitis

See Toxicological Information (section 11)

HMIS

| | |
|---------------------|---|
| Health | 1 |
| Fire Hazard | 4 |
| Reactivity | 0 |
| Personal Protection | B |

Section 4. First Aid Measures

Eye Contact

Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.

Skin Contact

Wash with soap and water. Get medical attention if irritation develops.

Inhalation

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion

Aspiration hazard if swallowed- can enter lungs and cause damage. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Fire Fighting Measures

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|---------------------------------|--|-------------------------|----------------|
| Flash Point | Not available. | Flammable Limits | Not available. |
| Flammability | Flammable (CSMA Method) | | |
| Fire Hazard | CONTENTS UNDER PRESSURE. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion. | | |
| Fire-Fighting Procedures | Use DRY chemicals, CO ₂ , water spray or foam. Fire-fighters should wear proper protective equipment. Do not release runoff from fire to sewers or waterways. | | |

**Section 6. Accidental Release Measures**

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| Spill Clean up | Large spills are unlikely due to packaging. Absorb with an inert material and put the spilled material in an appropriate waste disposal. |
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Section 7. Handling and Storage

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| Handling | Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Apply this product only as specified on the label. Wash thoroughly after handling. |
| Storage | CONTENTS UNDER PRESSURE. Do not puncture or incinerate container. Keep container in a cool, well-ventilated area. Keep away from heat, sparks and flame. Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children. |

Section 8. Exposure Controls, Personal Protection

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| | Personal Protection | Protective Clothing (Pictograms) |
| Eyes | Safety glasses. | |
| Body | For prolonged or repeated handling, use gloves. | |
| Respiratory | A respirator is not needed under normal and intended conditions of product use. | |

Section 9. Physical and Chemical Properties

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|-------------------------|-------------------------------------|-------------------------|-------------------------------------|
| Physical State | Liquid. (Aerosol.) | Color | Clear to white. |
| pH | Not applicable. | Odor | Characteristic. |
| Boiling Point | >217.77°C (424°F) | Vapor Pressure | 0.009 kPa (0.07 mmHg) (at 20°C) |
| Specific Gravity | 0.8 (Water = 1) | Vapor Density | Not determined. |
| Solubility | Insoluble in cold water, hot water. | Evaporation Rate | <1 compared to Butyl acetate. |
| | | VOC (Consumer) | 319.45 (g/l). 2.67 lbs/gal (40.00%) |

Section 10. Stability and Reactivity

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| Stability and Reactivity | The product is stable. |
| Incompatibility | Avoid contact with strong oxidizers, excessive heat, sparks or open flame. |
| Hazardous Polymerization | Not available. |
| Hazardous Decomposition Products | carbon oxides (CO, CO ₂) |

Section 11. Toxicological Information

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| Toxicity to Animals | Not applicable. |
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Section 12. Ecological Information

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| Ecotoxicity | Toxic to aquatic organisms. Prevent water from entering water ways and drains. |
| Biodegradable/OECD | Not available. |

Section 13. Disposal Considerations

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| Waste Information | Waste must be disposed of in accordance with federal, state and local environmental control regulations. | Waste Stream | Non-regulated waste |
|--------------------------|--|---------------------|---------------------|

Consult your local or regional authorities.

Section 14. Transport Information

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|-----------------------------|--------------------|
| Proper shipping name | Consumer Commodity |
| DOT Classification | ORM-D |
| UN number | Not available. |

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

Section 15. Regulatory Information

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|---------------------------------|---|
| U.S. Federal Regulations | SARA 313 toxic chemical notification and release reporting: Permethrin Piperonyl Butoxide Clean Water Act (CWA) 311: No products were found. Clean air act (CAA) 112 regulated toxic substances: No products were found. All Components of this product are listed or exempt from listing on TSCA inventory. |
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Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.