## Section 1 - Product and Company Identification

**Product Identifiers:**

**Product name:** **Spectracide Wasp & Hornet Killer$_3$**
**EPA reg. number:** 9688-190-8845
**Recommended product use:** Insecticide - Wasp & Hornet, Aerosol

**Details of the Supplier of the Safety Data Sheet:**

**Manufacturer/Supplier:** Chemsico
Div. of United Industries Corp.
P.O. Box 142642
St. Louis, MO 63114

**For product information:** 1-800-917-5438

**For medical emergencies:** 1-800-633-2873

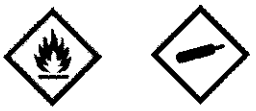
## Section 2 - Hazards Identification

Conforms to Hazard Communication Standard 29 CFR 1910.1200.

**GHS Classification of Substance or Mixture:** Flammable aerosol - Category 2

**GHS Label Elements:**

Hazard pictogram(s):



Signal word: WARNING

Hazard statements:
- Flammable aerosol
- Compressed gas – contents under pressure; may burst if heated

**Precautionary Statements:**
- Contents under pressure.
- Do not use or store near heat or open flame.
- Do not puncture or incinerate container.
- Exposure to temperatures above 130°F may cause bursting.

## Section 3 - Composition / Information on Ingredients

| Chemical Name | CAS# | Weight Percent |
|---|---|---|
| Lambda-cyhalothrin | 91465-08-6 | 0.010% |
| Prallethrin | 23031-36-9 | 0.025% |
| Isopropyl alcohol | 67-63-0 | 2.000% |
| Petroleum distillates, hydrotreated light | 64742-47-8 | 5.000% |
| Propane | 74-98-6 | 3.500% |

Note: Ingredients not identified are proprietary or non-hazardous. Values are not product specification(s).

## Section 4 - First Aid Measures

**Eye contact:** No special requirements

| | |
|---|---|
| **Skin contact:** | No special requirements |
| **Inhalation:** | No special requirements |
| **Ingestion:** | No special requirements |
| **Note to Physician:** | None |
| **General advice:** | If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Keep out of reach of children. |

## Section 5 - Fire Fighting Measures

| | |
|---|---|
| **Flammable properties:** | Pressurized aerosol container |
| **NFPA classification:** | NFPA level 1 aerosol |
| **Suitable extinguishing media:** | Water fog, foam, $CO_2$, dry chemical |
| **Unsuitable extinguishing media:** | Not available |
| **Specific hazards arising from the chemical:** | Contents under pressure – container may burst in heat of fire. |
| **Protective equipment for firefighters:** | Firefighters should wear full protective clothing including self-contained breathing apparatus. |
| **Hazardous combustion products:** | None known |
| **Explosion data:** | Not available |
| **Sensitivity to static discharge:** | Not available |
| **Personal precautions:** | Keep unnecessary personnel away. Do not touch or walk through spilled material. |

## Section 6 - Accidental Release Measures

| | |
|---|---|
| **Personnel precautions:** | Remove all sources of ignition. Wear personnel protective equipment as recommended in Section 8. Wash thoroughly after handling. |
| **For emergency responders:** | If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. |
| **Environmental precautions:** | Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. |
| **Methods for containment and cleaning up:** | Stop leak if without risk. Move containers from spill area. Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with earth, sand or absorbent material swept up and placed in suitable, covered, and labeled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills in original containers for re-use. |

## Section 7 - Handling and Storage

**Precautions for safe handling:** Put on appropriate personal protective equipment as recommended in Section 8. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C (122°F). Do not pierce or burn, even after use. Do not ingest. Avoid contact with skin, eyes and clothing. Avoid breathing vapor or mist. Use only with adequate ventilation. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical equipment. Use only non-sparking tools. Empty containers retain product residue and can be hazardous.

**Storage:** Store in a cool, dry area away from open flame. Do not store above 50°C (122°F).

## Section 8 - Exposure Controls / Personal Protection

### Exposure guidelines:

| | | Exposure Limits | | | | | |
|---|---|---|---|---|---|---|---|
| | | OSHA PEL | | ACGIH TLV | | Supplier OEL | |
| Chemical name | | ppm | mg/m³ | ppm | mg/m³ | ppm | mg/m³ |
| Lambda-cyhalothrin | TWA | Not established | | Not established | | Not established | |
| Prallethrin | TWA | None | | None | | None | |
| Isopropyl alcohol | TWA | 400 | 980 | 200 | ------ | Not listed | |
| Petroleum distillates, light | TWA | None listed | | ------ | 200 | None listed | |
| Propane | TWA | 1000 | 1800 | 1000 | ------ | Not established | |

**Engineering controls:** General ventilation normally adequate.

### Personal protective equipment:

**Eye/Face protection:** None required

**Skin and body protection:** None required

**Respiratory protection:** Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

**General hygiene considerations:** Handle in accordance with good industrial hygiene and safety practices. When using, do not eat or drink. Wash hands before breaks and immediately after handling the product.

## Section 9 - Physical & Chemical Properties

**Appearance:** Clear

**Color:** Light yellow to water-white

**Physical state:** Pressurized liquid

**Odor:** Solvent, alcohol & pyrethroid

**Odor threshold:** No data available

**pH:** 7.2

| | |
|---|---|
| **Melting point:** | No data available |
| **Freezing point:** | No data available |
| **Boiling point:** | No data available |
| **Flash point:** | No data available |
| **Flame extension** | 0" (level 1 aerosol) |
| **Flammability limits in air, lower, % by volume:** | No data available |
| **Flammability limits in air, upper, % by volume:** | No data available |
| **Vapor pressure:** | No data available |
| **Vapor density:** | No data available |
| **Relative density @ 20°C:** | 0.962 |
| **Octanol/water coefficient:** | No data available |
| **Auto-ignition temperature:** | No data available |
| **Decomposition temperature:** | No data available |
| **Solubility:** | Miscible in water |
| **Evaporation rate:** | No data available |
| **% Volatile organic compounds:** | 5.5 |

## Section 10 - Chemical Stability & Reactivity Information

### Reactivity

| | |
|---|---|
| **Conditions to avoid:** | Do not mix with other chemicals. |
| **Incompatible materials:** | Avoid strong oxidizers. |

### Chemical stability

| | |
|---|---|
| **Product stability:** | Stable under recommended storage conditions. |

### Other

| | |
|---|---|
| **Hazardous decomposition products:** | None known |
| **Possibility of hazardous reactions:** | Hazardous polymerization does not occur. |

## Section 11 - Toxicological Information

| | |
|---|---|
| **Primary eye irritation:** | Non-irritating (EPA tox. category IV) |
| **Primary skin irritation:** | Non-irritating (EPA tox. category IV) |
| **Acute dermal:** | $LD_{50}$ > 2000 mg/kg (EPA tox. category III) |
| **Acute inhalation:** | $LC_{50}$ > 2 mg/L (EPA tox. cateogry IV) |
| **Acute oral:** | $LD_{50}$ > 5000 mg/kg (EPA tox. category IV) |
| **Sensitization:** | Not a skin sensitizer. |
| **Chronic effects/ Carcinogenicity:** | No data available |
| **Mutagenicity:** | No data available |
| **Reproductive effects:** | No data available |

| | |
|---|---|
| **Teratogenicity:** | No data available |
| **Ecotoxicity:** | No data available |

## Section 12 - Ecological Information

| | |
|---|---|
| **Environmental effects:** | No data available |
| **Aquatic toxicity:** | Toxic to aquatic organisms. |
| **Persistence / degradability:** | No data available |
| **Bioaccumulation / accumulation:** | No data available |
| **Partition coefficient:** | No data available |
| **Mobility in environmental media:** | No data available |
| **Chemical fate information:** | No data available |

## Section 13 - Disposal Considerations

| | |
|---|---|
| **Waste codes:** | Not available |
| **Disposal instructions:** | Dispose in accordance with all applicable regulations. |
| **Waste from residues / unused products:** | Not available |
| **Contaminated packaging:** | Not available |

## Section 14 - Transportation Information

| | |
|---|---|
| **U.S. Department of Transportation (DOT):** | UN-1950, Aerosols, Flammable, 2.1, Limited Quantity |
| **IATA:** | UN-1950, Aerosols, 2.1 |
| **IMDG:** | UN-1950, Aerosols, Flammable, 2, Limited Quantity |

## Section 15 - Regulatory Information

| | |
|---|---|
| **29 CFR 1910.1200 hazardous chemical Occupational Safety and Health Administration (OSHA):** | No |
| **CERCLA (Superfund) reportable quantity:** | Not available |

### Hazard categories

**Superfund Amendments and Reauthorization Act of 1986 (SARA):**

| | |
|---|---|
| Immediate Hazard | No |
| Delayed Hazard | No |
| Fire Hazard | No |
| Pressure Hazard | No |
| Reactivity Hazard | No |

| | |
|---|---|
| **Section 302 extremely hazardous Substance:** | No |
| **Section 311 hazardous chemical:** | No |
| **Clean Air Act (CAA):** | Not available |

**Clean Water Act (CWA):** Not available

**State regulations:**

**FIFRA labeling:** This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

**Signal word:** CAUTION

**Precautionary statements:** Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

This pesticide is toxic to fish. Do not apply directly to water.

Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting.

**Notification status:** All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

**California Prop. 65:** This product does not contain any chemicals known to the state of California to cause cancer, birth defects or any other reproductive harm.

**Disclaimer:** Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

## Section 16 - Other Information

**HMIS ratings:** Health Hazard 1 Flammability 2 Physical Hazard 1

**Item numbers:** HG-95715

**Formula number(s):** 21-1437

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