



## CANBERRA CORPORATION SAFETY DATA SHEET

### 1. Identification

**Product Identifier:** HUSKY 1280 WASP KILLER

**Application or recommended use:** Pesticide

**Restrictions on use:** Do not use in any fashion not specified on the product label.

**Manufacturer / supplier:** Canberra Corporation  
3610 N. Holland-Sylvania Rd.  
Toledo, Ohio 43615 USA

**Telephone:** 419-841-6616 **Emergency phone:** 866-836-8855

### 2. Hazards Identification

**GHS Classification:** Classification of this mixture in accordance with paragraph (d) of §1910.1200.  
Flammable Aerosols - Category 1  
Aspiration hazard - Category 1

#### Label Elements:



Symbol:

Signal word:

**DANGER**

Hazard statement: Extremely flammable aerosol. May be fatal if swallowed and enters airways.

Precautionary statements: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Avoid release to the environment. If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. Collect spillage. See [4. First-Aid Measures](#) for specific treatment. Store locked up in a well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Dispose of contents/container to an approved disposal facility.

**Hazard(s) not otherwise classified (HNOC):** None known.

### 3. Composition / Information on Ingredients

**Chemical characterization:** Mixture of solvents and auxiliary agents.

**Hazardous ingredients:** The exact percentage of composition has been withheld as a trade secret.

|                                   |                |
|-----------------------------------|----------------|
| 80 - 90% Distillates (Petroleum), | CAS 64742-47-8 |
| Hydrotreated Light                |                |
| 2 - 10% Carbon Dioxide            | CAS 124-38-9   |
| 2 - 10% Isopropyl Alcohol         | CAS 67-63-0    |
| 0.1 - 1% d-Phenothrin             | CAS 26002-80-2 |
| 0.1 - 1% Tetramethrin             | CAS 7696-12-0  |

### 4. First-aid measures

**Inhalation:** If symptoms develop move victim to fresh air. Get medical attention if symptoms persist.

**Skin contact:** Wash off with soap and water. Get medical attention if irritation develops and persists.

**Eye contact:** Rinse with water. Get medical attention if irritation develops and persists.

**Ingestion:** Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

**Most important symptoms/effects, acute and delayed:** Aspiration may cause pulmonary edema and pneumonitis.

**Indication of immediate medical attention and special treatment needed:** Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

### 5. Fire-fighting measures

**Suitable extinguishing media:** Alcohol resistant foam. Water fog. Dry chemical. Carbon dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing media:** Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical:** Contents under pressure. Pressurized container may explode when exposed to heat or flame.

**Special protective equipment and precautions for firefighters:** Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, and rubber boots.

**Fire-fighting equipment/instructions:** Move containers from fire area if you can do so without risk. Cool containers exposed to heat with water spray and remove container, if no risk is involved. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

**Specific methods:** Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.

**General fire hazards:** Extremely flammable aerosol.

## **6. Accidental release measures**

**Personal precautions, protective equipment and emergency procedures:** Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained.

**Methods and materials for containment and cleaning up:** Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Use water spray to reduce vapors or divert vapor cloud drift. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

**Environmental precautions:** Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

## **7. Handling and storage**

**Precautions for safe handling:** Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Avoid prolonged or repeated contact with skin. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.

**Conditions for safe storage, including any incompatibilities:** Level 3 Aerosol.

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store away from incompatible materials.

## **8. Exposure controls/personal protection**

### **Occupational exposure limits**

#### **US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

##### **Components Type Value**

|                                 |     |                                   |
|---------------------------------|-----|-----------------------------------|
| Carbon Dioxide (CAS 124-38-9)   | PEL | 9000 mg/m <sup>3</sup> (5000 ppm) |
| Isopropyl Alcohol (CAS 67-63-0) | PEL | 980 mg/m <sup>3</sup> (400 ppm)   |

#### **US. ACGIH Threshold Limit Values**

| <b>Components</b>               | <b>Type</b> | <b>Value</b> |
|---------------------------------|-------------|--------------|
| Carbon Dioxide (CAS 124-38-9)   | STEL        | 30000 ppm    |
|                                 | TWA         | 5000 ppm     |
| Isopropyl Alcohol (CAS 67-63-0) | STEL        | 400 ppm      |
|                                 | TWA         | 200 ppm      |

#### **US. NIOSH: Pocket Guide to Chemical Hazards**

| <b>Components</b>               | <b>Type</b> | <b>Value</b>                        |
|---------------------------------|-------------|-------------------------------------|
| Carbon Dioxide (CAS 124-38-9)   | STEL        | 54000 mg/m <sup>3</sup> (30000 ppm) |
|                                 | TWA         | 9000 mg/m <sup>3</sup> (5000 ppm)   |
| Isopropyl Alcohol (CAS 67-63-0) | STEL        | 1225 mg/m <sup>3</sup> (500 ppm)    |
|                                 | TWA         | 980 mg/m <sup>3</sup> (400 ppm)     |

**Appropriate engineering Controls:** Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits.

### **Individual protection measures, such as personal protective equipment**

**Eye/face protection:** Face shield is recommended. Wear safety glasses with side shields (or goggles).

**Hand protection:** Wear appropriate chemical resistant gloves. **Other:** Wear suitable protective clothing.

**Respiratory protection:** If permissible levels are exceeded use organic vapor cartridge or an air-supplied respirator.

**General hygiene considerations:** When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

**9. Physical and chemical properties****Appearance****Physical state:** Gas.**Color:** Colorless.**Odor threshold:** Not available.**Melting point/freezing point:** Not available.**Flash point:** 228.2 °F (109.0 °C) estimated.**Evaporation rate:** Not available.**Upper/lower flammability or explosive limits****Flammability limit – lower (%):** 0.5 % estimated**Explosive limit - lower (%):** Not available.**Vapor pressure:** 90 - 110 psig @70F estimated.**Relative density:** Not available.**Solubility (water):** Not available.**Decomposition temperature:** Not available.**Form:** Aerosol.**Odor:** Solvent.**pH:** Not available.**Initial boiling point/boiling range:** 180.5 °F (82.5 °C) estimated**Flammability:** Not available.**Partition coefficient (n-octanol/water):** Not available.**Flammability limit – upper (%):** Not available.**Explosive limit - upper (%):** Not available.**Vapor density:** Not available.**Specific gravity:** 0.826 estimated**Viscosity:** Not available.**Auto-ignition temperature:** 421 °F (216.11 °C) estimated**10. Stability and reactivity****Reactivity:** The product is stable and non-reactive under normal conditions of use, storage and transport.**Chemical stability:** Material is stable under normal conditions.**Possibility of hazardous reactions:** Hazardous polymerization does not occur.**Conditions to avoid:** Avoid temperatures exceeding the flash point. Contact with incompatible materials.**Incompatible materials:** Acids. Strong oxidizing agents. Isocyanates. Chlorine.**Hazardous decomposition products:** No hazardous decomposition products are known.**11. Toxicological information****Information on likely routes of exposure****Ingestion:** Droplets of product aspirated into lungs through ingestion or vomiting may cause a serious chemical pneumonia.**Inhalation:** Prolonged inhalation may be harmful.**Skin contact:** No adverse effects due to skin contact are expected.**Eye contact:** Direct contact with eyes may cause temporary irritation.**Symptoms related to the toxicological characteristics:** Aspiration may cause pulmonary edema and pneumonitis.**Information on toxicological effects****Acute toxicity:** May be fatal if swallowed and enters airways.

| Acute           | Species | Test Results |
|-----------------|---------|--------------|
| Dermal LD50     | Rat     | 2237 mg/kg   |
| Inhalation LC50 | Rat     | 6 mg/l/4h    |

**Skin corrosion/irritation:** Prolonged skin contact may cause temporary irritation.**Serious eye damage/eye irritation:** Direct contact with eyes may cause temporary irritation.**Respiratory sensitization:** Not available. **Skin sensitization:** This product is not expected to cause skin sensitization.**Carcinogenicity:** This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):** Not listed.**Reproductive toxicity:** This product is not expected to cause reproductive or developmental effects.**Specific target organ toxicity - single exposure:** Not classified.**Specific target organ toxicity - repeated exposure:** Not classified.**Aspiration hazard:** May be fatal if swallowed and enters airways.**Chronic effects:** Prolonged inhalation may be harmful.**12. Ecological information****Ecotoxicity:** Toxic to aquatic life with long lasting effects.**Persistence and degradability:** No data is available on the degradability of this product.**Bioaccumulative potential:** No data available. **Mobility in soil:** No data available.**Partition coefficient n-octanol/water (log Kow):** Isopropyl Alcohol 0.05 Tetramethrin 4.73**Other adverse effects:** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.**13. Disposal considerations****Disposal instructions:** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.**Contaminated packaging:** Empty containers should be taken to an approved waste handling site for recycling or disposal. Emptied containers may retain product residue, follow label warnings even after container is emptied.

**14. Transport information**

**DOT UN number:** UN1950    **UN proper shipping name:** Aerosols, flammable    **Class:** 2.1  
**Subsidiary risk:** None    **Label(s)** 2.1    **Packing group:** Not applicable.  
**Special precautions for user:** Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.  
**Packaging exceptions:** This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity.

**15. Regulatory information****US federal regulations**

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D):** Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4):** Not listed.

**SARA 304 Emergency release notification:** Not regulated.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):** Not listed.

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

Immediate Hazard – Yes                      Delayed Hazard - No

Fire Hazard – Yes                              Pressure Hazard - No

Reactivity Hazard – No

**SARA 302 Extremely hazardous substance:** Not listed.

**SARA 311/312 Hazardous chemical:** No

**SARA 313 (TRI reporting)**

| Chemical name | CAS number | % by wt. |
|---------------|------------|----------|
| d-Phenothrin  | 26002-80-2 | 0.1 - 1  |
| Tetramethrin  | 7696-12-0  | 0.1 - 1  |

**Other federal regulations**

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List:** Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):** Not regulated.

**Safe Drinking Water Act (SDWA):** Not regulated.

**Hazard statement:** This chemical is a pesticide product registered by the United States 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 (SDS), and for workplace labels of non-pesticide chemicals. The pesticide label also includes other important information, including directions for use.

CAUTION! Harmful if absorbed through skin. Moderately irritating to the eyes.

**US state regulations**

**US. Massachusetts RTK - Substance List**

**US. Pennsylvania Worker and Community Right-to-Know Law**

Carbon Dioxide (CAS 124-38-9)                      Isopropyl Alcohol (CAS 67-63-0)

**US. New Jersey Worker and Community Right-to-Know Act**

Carbon Dioxide (CAS 124-38-9)                      d-Phenothrin (CAS 26002-80-2)

Isopropyl Alcohol (CAS 67-63-0)                      Tetramethrin (CAS 7696-12-0)

**US. Rhode Island RTK**

d-Phenothrin (CAS 26002-80-2)                      Isopropyl Alcohol (CAS 67-63-0)    Tetramethrin (CAS 7696-12-0)

**US. California Proposition 65:** California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

**16. Other information, including date of preparation or last revision**

**Issue date** 12-22-2014    **Revision date** 01-02-2015

**Disclaimer** The information in the sheet was written based on the best knowledge and experience currently available. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. We cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use.