# UNITED 149

# MATERIAL SAFETY DATA SHEET

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To Reorder Call:
800-323-2594

## 1. PRODUCT AND COMPANY IDENTIFICATION

FOR MEDICAL AND TRANSPORTATION EMERGENCIES
24 Hour INFOTRAC (US and CANADA): **800-535-5053**

| PRODUCT NAME | USE/DESCRIPTION | REVISION DATE |
|---|---|---|
| UNITED 149 Cherry Insecticide | Aerosol Cherry Insecticide | May 16, 2013 |

### HMIS III HEALTH (0 = Maximum Safety) 1

**Always follow Label Directions and Cautions.**

***** Chronic
**4** Severe
**3** Serious
**2** Moderate
**1** Slight
**0** Minimal

**See Hazards Identification Section of this MSDS for more detailed information.**

### PHYSICAL HAZARD (0 = Maximum Safety) 0

**Susceptible to Release of Energy.**

**4** May detonate-vacate area if materials are exposed to fire.
**3** Strong shock of heat may detonate-use monitors from behind explosion resistant barriers.
**2** Violent chemical change possible-use hose stream from distance
**1** Unstable if heated-use precaution.
**0** Normally stable.

### FLAMMABILITY (0 = Maximum Safety) 2

**Susceptibility of Material to Burning.**

**4** Extremely flammable.
**3** Ignites at normal temperature.
**2** Ignites when moderately heated.
**1** Must be preheated to burn.
**0** Will not burn.

### PERSONAL PROTECTION: B

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

| Hazardous Ingredients | CAS# | %Range | ACGIH (TLV-TWA) | OSHA (PEL-TWA) | LD50 (Species/Route) | LC50 (Species) |
|---|---|---|---|---|---|---|
| Isobutane | 75-28-5 | 10-30 | 800 ppm | 800 ppm | NE | 658 mg/L/4H Rat-Inhalation |
| Propane | 74-98-6 | 5-10 | 1000 ppm | 1000 ppm | NE | 658 MG/l/4H Rat-Inhalation |
| Piperonyl Butoxide | 51-03-6 | 1-5 | NE | NE | NE | NE |
| Isoparaffinic Hydrocarbon | 64742-47-8 | 5-10 | 152 ppm | 152 ppm | NE | NE |

## 3. HAZARDS IDENTIFICATION

**Eyes:** May cause irritation.
**Skin:** May cause irritation. Harmful if absorbed through skin.
**Inhalation:** Harmful.
**Ingestion:** Harmful.

## 4. FIRST AID MEASURES

**Eyes:** 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:** Take off contaminated clothing and wash before reuse. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
**Inhalation:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
**Ingestion:** Not a likely exposure route**.** Call a poison control center or doctor immediately for treatment advice. DO NOT induce vomiting unless told to do so by a poion control center or doctor. Do not give any liquid to the person. Do not five anything by mouth to an unconscious person.

## 5. FIRE FIGHTING MEASURES

**Flash Point (ASTM D-3065):** 0", no flashback, non flammable **Explosive Limits:** Lower (LEL): ND Upper (UEL): ND
**Flame Projection (Aerosol):** Non-flammable per 16 CFR 1500.3 and 1500.45.
**Hazardous Products of Combustion:** When strongly heated, as in a fire, this product may produce carbon dioxide, carbon monoxide, smoke, soot and various organic oxidation by-products.
**Fire and Explosion Hazards:** Aerosol container (pressurized) may burst if heated over 120°F/49.9°C.
**Extinguishing Media:** Not usually necessary as this product does not readily support combustion. Use extinguishing agent appropriate for fire's fuel source (i.e. CO, dry chemical, foam, fog, etc.).

**Fire Fighting Instructions:** Wear self-contained breathing apparatus w/full protective clothing in chemical fires. Use water spray to keep containers cool and vapors down.

## 6. ACCIDENTAL RELEASE MEASURES

**Small Spills:** Caution, slip hazard. Wipe up small spills promptly with a towel or other absorbent material.
**Large Spills:** Absorb liquid with vermiculite, absorbent cloth, or other absorbent material. Prevent material from entering sewers or drains. Ventilate area and block traffic. Transfer contaminated material into suitable container for proper disposal.

## 7. HANDLING AND STORAGE

Avoid contact with skin, eyes and clothing. Direct spray away from the face, do not swallow. Wash thoroughly after handling. Avoid breathing vapors or spray mist. Do not use around ignition sources such as heat, sparks, open flame, etc. Do not puncture or incinerate container. Do not smoke while using. Vacate premises after treatment and ventilate before reoccupying. Do not apply directly to food. See special label instructions for use around food and food processing equipment. Remove pets and birds, and cover fish aquariums before spraying. To avoid staining fabrics or surfaces, do not spray at close range. Follow label directions carefully. Replace cap when not in use. Contents under pressure. Do not store near heat or open flame. Store in a cool (under 130°F/54.4°C) dry location away from heat, sparks, open flame and direct sunlight. Exposures to temperatures above 120°F/49.9°C may cause bursting.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eyes:** Safety glasses or goggles recommended.
**Skin:** Chemical resistant gloves are recommended if overexposure is likely.
**Respiratory:** Normally not required. If vapor concentration exceeds TLV, use a NIOSH or MSHA approved respirator.
**Engineering Controls:** Ventilation not usually necessary but should be provided in the event of overexposure.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** 212°F/100°C **Specific Gravity:** 0.98 (H2O=1) **Vapor Pressure:** 70±10 **Melting Point:** ND
**Vapor Density:** > 1(air=1) **Evaporation Rate:** < 1 **Solubility in Water:** Dispersible **pH:** 7.0 ± 0.5
**Appearance and Odor:** Aerosol, opaque light yellow liquid with a cherry blossom scent.

## 10. STABILITY AND REACTIVITY

**Hazardous Polymerization:** Will not occur.
**Hazardous Decomposition:** When strongly heated, as in a fire, this product may produce carbon dioxide, carbon monoxide, smoke, soot and various organic oxidation by-products.
**Chemical Stability:** Stable
**Incompatibility:** Strong oxidizing agents.

## 11. TOXICOLOGICAL INFORMATION

**Carcinogenicity (NTP/IARC/OSHA):** None
**California Proposition 65:** Does this product contain chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm? None

## 12. ECOLOGICAL INFORMATION

ND

## 13. DISPOSAL CONSIDERATIONS

Consult your local, state, and federal regulations for proper disposal guidelines.
**RCRA Status**: Waste likely considered non-hazardous under RCRA, but product should be fully characterized prior to disposal. (40 CFR 261)

## 14. TRANSPORT INFORMATION

**DOT-Land:** Consumer commodity ORM-D
**TDG:** Available upon request
**UN:** Availabale upon request

## 15. REGULATORY INFORMATION

**VOC(Volatile Organic Compounds):** 20% by weight
**TSCA (Toxic Substances Control Act):** Listed
**SARA Title III Section 302 EHS:** None
**SARA Title III Section 311/312:** None
**SARA Title III Section 313 Toxic Chemicals:** Piperonyl Butoxide CAS # 51-03-6 – 2%
**WHMIS Classification:**
This product has been classified in accordance with the hazard criteria of the CPR (Controlled Products Regulations/ WHMIS) and the MSDS contains all the information required by the CPR.

## 16. OTHER INFORMATION

Read and follow all label directions and precautions before using this product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF REACH OF CHILDREN.