

**1. PRODUCT AND COMPANY IDENTIFICATION****Product identifier****Product Name** United 149 CHERRY INSECTICIDE**Other means of identification****SDS#** UNITED-149**Recommended use of the chemical****And restrictions on use****Recommended use** Water-based Pyrenone Insecticide  
**Uses Advised Against** For industrial and institutional use only.**Details of the supplier of the safety data sheet****Company Name**United Laboratories, Inc.  
320 37th Avenue  
St. Charles, IL 60174  
www.unitedlabsinc.com  
www.unitedlabsinc.ca**Emergency telephone number****Company Phone Number** 800-323-2594 (to reorder)  
**Emergency Telephone** INFOTRAC 1-800-535-5053 (North America)  
1-352-323-3500 (International)**2. HAZARDS IDENTIFICATION****Classification****OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

|                   |             |
|-------------------|-------------|
| Flammable aerosol | Category 2  |
| Liquefied Gas     |             |
| Eye Irritation    | Category 2b |
| Aspiration hazard | Category 1  |

**Label elements****Emergency Overview****Danger****Hazard statements**

Flammable aerosol. Contains gas under pressure; may explode if heated. Causes eye irritation. May be fatal if swallowed and enters airways.

This product contains the following percentage of chemicals of unknown toxicity: 0%.

**Appearance** Opaque light yellow liquid**Physical state** Aerosol**Odor** Cherry Blossom Scent**Prevention**

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. Use in a well-ventilated area.

**Response**

Wash hands thoroughly after handling. If in eyes: Rinse cautiously with water for several minutes. Remove contacts lenses, if present and easy to do. Continuing rinsing. If eye irritation persists: Get medical attention. If swallowed: Immediately call a poison center or doctor. Do not induce vomiting.

**Storage**

Store in a well-ventilated place. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

**Disposal**

Dispose of contents/container in accordance with local/regional/national/international regulations.

**Hazard(s) not otherwise classified (HNOC)**

Not classified.

**Environmental hazards**

Not classified.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name             | CAS No.    | Weight-% | Trade Secret |
|---------------------------|------------|----------|--------------|
| Propane/n-Butane          | 68476-86-8 | 10-30%   | *            |
| Isoparaffinic Hydrocarbon | 64742-47-8 | 7-13%    | *            |

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

**First aid measures****Skin Contact**

Immediately wash with water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek immediate medical attention.

**Eye contact**

Immediately flush with water for 15-20 minutes while holding eyelids open. Seek medical attention if symptoms persist.

**Inhalation**

Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration or at any sign of loss of consciousness seek immediate medical

**Ingestion**

Not a likely exposure route. If a large quantity of liquid is swallowed, do not induce vomiting, call a physician or poison control center.

**Most important symptoms and effects, both acute and delayed**

Eyes: redness, tearing and blurred vision.

**Indication of any immediate medical attention and special treatment needed**

Concentrating vapors and inhaling material can lead to oxygen deprivation, loss of brain function and potential loss of life. There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

**5. FIRE-FIGHTING MEASURES****Suitable extinguishing media**

No usually needed as product does not readily support combustion. Use media appropriate for fire's fuel source.

**Unsuitable extinguishing media** None known.

**Specific hazards arising from the chemical**

Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.

**Protective equipment and precautions for firefighters**

Wear NIOSH approved self-contained breathing apparatus, SCBA, with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Use water spray only to cool exposed container.

**Hazardous combustion products**

Oxides of carbon. Various hydrocarbons.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Refer to Section 8 for personal protective equipment.

**Environmental precautions**

**Environmental precautions** None known.

**Methods and material for containment and cleaning up**

**Methods for containment** If many cans are opened, remove ignition sources. Do not allow into sewers or storm

**Methods for cleaning up** Absorb with absorbent and rinse with small amount of soapy water. Dispose of clean up with suitable absorbent. Dispose of in accordance with local, state and federal regulations.

**Waste Disposal** Dispose of in accordance with federal, state and local regulations. Containers may be hazardous when empty.

**RCRA Status** Product should be fully characterized prior to disposal (40 CFR 261).

**7. HANDLING AND STORAGE****Precautions for safe handling**

**Advice on safe handling** Store in well-ventilated area. Pressurized container: Do not pierce or burn, even after use.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Avoid exposure to direct sunlight. Store in well ventilated area. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use. Store locked up.

**Incompatible materials** Strong oxidizing agents.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**Exposure Guidelines** No Exposure limits noted for ingredient(s).

| Chemical Name                           | ACGIH TLV     | OSHA PEL      | NIOSH IDLH |
|---|---------------|---------------|------------|
| Propane/n-Butane<br>68476-86-8          | TWA: 1000 ppm | TWA: 1000 ppm | -          |
| Isoparaffinic Hydrocarbon<br>64742-47-8 | TWA: 400 ppm  | TWA: 400 ppm  | -          |

NIOSH IDLH *Immediately Dangerous to Life or Health*

**Other Information** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

**Appropriate engineering controls**

**Engineering Controls** General ventilation and local exhaust may be required to meet TLV requirements.

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

**Eye/face protection** Wear safety glasses.

**Skin and body protection** Wear chemical resistant gloves.

**Respiratory protection** Not required with normal use. Wear NIOSH/MSHA approved respiratory protection if exposure limits area exceeded.

**General Hygiene** When using, do not eat, drink or smoke. Wear approved safety glasses or goggles if direct contact is possible.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

**Physical state** Aerosol  
**Appearance** Liquid  
**Color** Opaque light yellow  
**Odor** Cherry blossom scent  
**Odor threshold** No Information available

| <u>Property</u>               | <u>Values</u>            | <u>Remarks • Method</u> |
|-------------------------------|--------------------------|-------------------------|
| pH                            | 6                        |                         |
| Specific Gravity              | .985                     |                         |
| Melting point/freezing point  | No Information available |                         |
| Flash point                   | None                     |                         |
| Boiling point / boiling range | >212°F (100°C)           |                         |
| Evaporation rate              | <0.8                     |                         |
| Flammability (solid, gas)     | Flammable aerosol.       |                         |
| Lower flammability limit:     | No information available |                         |
| Upper flammability limit:     | No Information available |                         |
| Vapor pressure                | 70±10                    |                         |
| Vapor density                 | >2 (air=1)               |                         |

Water solubility 100%  
 Volatility Including water 85%  
 Partition coefficient No Information available  
 Autoignition temperature No Information available  
 Decomposition temperature No Information available

**Other Information**

VOC Content (%) 20%

**10. STABILITY AND REACTIVITY**

**Reactivity**

None known.

**Chemical stability**

Stable at normal conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to avoid**

Temperatures greater than 122°F and sources of ignition.

**Hazardous Decomposition Products**

Oxides of Carbon, and other decomposition products.

**Incompatibility**

Strong oxidizing agents

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

Eyes, ingestion, inhalation and eyes.

**Product Information**

**Inhalation** Harmful if inhaled.  
**Eye contact** May cause eye irritation.  
**Skin Contact** May cause mild irritation, harmful if absorbed through the skin.  
**Ingestion** Causes gastrointestinal irritation, headaches, nausea, diarrhea, vomiting and abdominal cramps.

| Chemical Name                  | Oral LD50 | Dermal LD50 | Inhalation LC50                          |
|--------------------------------|-----------|-------------|--|
| Propane/n-Butane<br>68476-86-8 | -         | -           | 685 mg/m <sup>3</sup> , 4 hours<br>(Rat) |

**Information on toxicological effects**

**Acute toxicity** Eyes: redness, tearing and blurred vision.  
**Sensitization** No information available.  
**Germ cell mutagenicity** No information available.  
**Carcinogenicity** This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA.  
**Reproductive toxicity** No Information available.  
**Target organ effects** Excessive exposure may aggravate respiratory, cardiovascular, pulmonary illnesses, and nervous system disorders.  
**Aspiration hazard** No Information available.  
**Chronic effects** Concentrating vapors and inhaling material can lead to oxygen deprivation, loss of brain function and potential loss of life.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

This product is toxic to fish and other aquatic invertebrates. Do not apply directly to water.

### Persistence and degradability

Component or components of this product are not biodegradable.

### Bioaccumulation

Components in this mixture can bioaccumulate in aquatic organisms.

### Soil Mobility

This product is mobile in soil.

### Other adverse effects

None known.

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

#### **Disposal of wastes**

Disposal of in accordance with federal, state and local laws and regulations.

#### **RCRA Status**

Product should be fully characterized prior to disposal. (40 CFR 261).

## 14. TRANSPORT INFORMATION

This product meets the exception requirements of Section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity-ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/2020 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

### DOT

|                             |                            |
|-----------------------------|----------------------------|
| <b>UN/ID No.</b>            | UN1950                     |
| <b>Proper shipping name</b> | Aerosols, Limited Quantity |
| <b>Hazard Class</b>         | 2.1                        |

### IATA

|                             |                            |
|-----------------------------|----------------------------|
| <b>UN/ID No.</b>            | UN1950                     |
| <b>Proper shipping name</b> | Aerosols, Limited Quantity |
| <b>Hazard Class</b>         | 2.1                        |

### IMDG

|                             |                            |
|-----------------------------|----------------------------|
| <b>UN/ID No.</b>            | UN1950                     |
| <b>Proper shipping name</b> | Aerosols, Limited Quantity |
| <b>Hazard Class</b>         | 2.1                        |
| <b>Environmental Class</b>  |                            |
| <b>Marine Pollutant</b>     | No information available.  |

## 15. REGULATORY INFORMATION

### International Inventories

|                 |          |
|-----------------|----------|
| <b>TSCA</b>     | Complies |
| <b>DSL/NDSL</b> | Complies |

### Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

### US Federal Regulations

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

|  |     |
|--|-----|
| <b>Acute health hazard</b>               | Yes |
| <b>Chronic Health Hazard</b>             | Yes |
| <b>Fire hazard</b>                       | Yes |
| <b>Sudden release of pressure hazard</b> | No  |
| <b>Reactive Hazard</b>                   | No  |

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals

**FIFRA Information**

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 hazard information required on the pesticide label also includes other important information, including directions for use. CAUTION: Harmful if swallowed or absorbed through skin. Avoid breathing vapors or spray mist. Avoid contact with skin and eyes. In case of contact, immediately flush eyes or skin with plenty of water. Obtain medical attention if irritation persists. Vacate the premises after treatment and ventilate before reoccupying. Do not apply while food processing is underway. After space spraying in food processing plants, wash with potable water all equipment, benches, shelving, etc., where exposed food will be handled. In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Remove pets and birds, and cover fish aquariums before spraying. Contents under pressure. Do not use or store near heat or open flame. Exposure to temperatures above 130°F may cause bursting. EPA Reg. No.: 11694-107-44446

**U.S. State Right-to-Know Regulations**

| Chemical Name                  | New Jersey | Massachusetts | Pennsylvania |
|--------------------------------|------------|---------------|--------------|
| Propane/n-Butane<br>68476-86-8 | X          | X             | X            |

**16. OTHER INFORMATION**

|             |                         |                       |                     |  |
|-------------|-------------------------|-----------------------|---------------------|--|
| <b>NFPA</b> | <b>Health hazards</b> 1 | <b>Flammability</b> 2 | <b>Reactivity</b> 0 | <b>Physical and Chemical Properties</b> None |
| <b>HMIS</b> | <b>Health hazards</b> 1 | <b>Flammability</b> 2 | <b>Reactivity</b> 0 | <b>Personal protection</b> B                 |

**Issue Date** 11-Apr-2015

**Revision Date** 17-July-2015

**Revision Note**

No Information available

**Disclaimer**

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 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.

**End of Safety Data Sheet**