1. PRODUCT AND COMPANY IDENTIFICATION

Product Name
United 149 CHERRY INSECTICIDE

Other means of identification
SDS# UNITED-149

Recommended use of the chemical
Recommended use
Water-based 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

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)

<table>
<thead>
<tr>
<th>Classification</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammable aerosol</td>
<td>Category 2</td>
</tr>
<tr>
<td>Liquefied Gas</td>
<td>Category 1</td>
</tr>
<tr>
<td>Skin Sensitization</td>
<td>Category 1</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>Category 1</td>
</tr>
</tbody>
</table>

Label elements

Emergency Overview

Danger

Hazard statements
Flammable aerosol. Contains gas under pressure; may explode if heated. May cause an allergic skin reaction. May be fatal if swallowed and enters airways.

This product contains the following percentage of chemicals of unknown toxicity: 0%.
Appearance  Off-white liquid emulsion  Physical state  Aerosol  Odor  Cherry 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. Avoid breathing fume, mist, vapors or spray.

Response
Wear protective gloves. If on skin: Wash thoroughly with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. Contaminated work clothing must not be allowed out of the workplace. 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 applicable.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Weight-%</th>
<th>Trade Secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propane/n-Butane</td>
<td>68476-86-8</td>
<td>10-30%</td>
<td>*</td>
</tr>
<tr>
<td>Distillates (petroleum), hydrotreated light</td>
<td>64742-47-8</td>
<td>7-13%</td>
<td>*</td>
</tr>
</tbody>
</table>

*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 attention.

**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 Not applicable.

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 No information available.

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 drains.

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 Do not use or store near heat or open flames. 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. Store in cool, dry area. Exposure to temperatures above 120°F may cause bursting. Keep out of reach of children.
Incompatible materials
Strong alkalis, oxidizers, bases, reactive metals, and natural rubber.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propane/n-Butane 68476-86-8</td>
<td>TWA: 1000 ppm</td>
<td>TWA: 1000 ppm</td>
<td>-</td>
</tr>
<tr>
<td>Distillates (petroleum) hydrotreated light 64742-47-8</td>
<td>TWA: 400 ppm</td>
<td>TWA: 400 ppm</td>
<td>-</td>
</tr>
</tbody>
</table>

NIOSH IDLH: Immediately Dangerous to Life or Health

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>6-7</td>
<td></td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>No information</td>
<td>available</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>No Information</td>
<td>available</td>
</tr>
<tr>
<td>Flash point</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>&gt;212°F (100°C)</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>&lt;0.8</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Flammable aerosol.</td>
<td></td>
</tr>
<tr>
<td>Lower flammability limit</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Upper flammability limit</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Vapor density</td>
<td>4.5</td>
<td></td>
</tr>
<tr>
<td>Water solubility</td>
<td>100%</td>
<td></td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Other Information</td>
<td></td>
<td></td>
</tr>
<tr>
<td>VOC Content (%)</td>
<td>20%</td>
<td></td>
</tr>
</tbody>
</table>

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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 alkalis, oxidizers, bases, reactive metals, and natural rubber.

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.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propane/n-Butane 68476-86-8</td>
<td>-</td>
<td>-</td>
<td>685 mg/m³, 4 hours (Rat)</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>UN/ID No.</th>
<th>Aerosols, Limited Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard Class</td>
<td>2.1</td>
</tr>
<tr>
<td>Packing Group</td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>

IATA

<table>
<thead>
<tr>
<th>UN/ID No.</th>
<th>Aerosols, flammable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard Class</td>
<td>2.1</td>
</tr>
<tr>
<td>Packing Group</td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>

IMDG

<table>
<thead>
<tr>
<th>UN/ID No.</th>
<th>Aerosols, Limited Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard Class</td>
<td>2.1</td>
</tr>
<tr>
<td>Packing Group</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Environmental Class</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Marine Pollutant</td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>

15. REGULATORY INFORMATION

International Inventories

<table>
<thead>
<tr>
<th>TSCA</th>
<th>Complies</th>
</tr>
</thead>
<tbody>
<tr>
<td>DSL/NDSL</td>
<td>Complies</td>
</tr>
</tbody>
</table>

Legend:

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

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

<table>
<thead>
<tr>
<th>Category</th>
<th>Yes/No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute health hazard</td>
<td>Yes</td>
</tr>
<tr>
<td>Chronic Health Hazard</td>
<td>Yes</td>
</tr>
<tr>
<td>Fire hazard</td>
<td>Yes</td>
</tr>
<tr>
<td>Sudden release of pressure hazard</td>
<td>No</td>
</tr>
<tr>
<td>Reactive Hazard</td>
<td>No</td>
</tr>
</tbody>
</table>

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. Do not use this product in or on electrical equipment due to the possibility of shock hazard. EPA Reg. No.: 44446-79.

16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health hazards 1</th>
<th>Flammability 2</th>
<th>Reactivity 0</th>
<th>Physical and Chemical Properties None</th>
</tr>
</thead>
<tbody>
<tr>
<td>HMIS</td>
<td>Health hazards 1</td>
<td>Flammability 2</td>
<td>Reactivity 0</td>
<td>Personal protection B</td>
</tr>
</tbody>
</table>

Issue Date 17-Jul-2015
Revision Date 17-Apr-2019
Revision Note Revised
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