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Version 2

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 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)

Flammable aerosol	Category 2
Liquefied Gas	
Skin Sensitization	Category 1
Aspiration hazard	Category 1

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

Chemical Name	CAS No.	Weight-%	Trade Secret
Propane/n-Butane	68476-86-8	10-30%	*
Distillates (petroleum), hydrotreated light	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 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).

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Propane/n-Butane 68476-86-8	TWA: 1000 ppm	TWA: 1000 ppm	-
Distillates (petroleum) hydrotreated light 64742-47-8	TWA: 400 ppm	TWA: 400 ppm	-

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

Physical state Aerosol
Appearance Liquid emulsion
Color Off-white
Odor Cherry scent

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	6-7	
Specific Gravity	No information available	
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:	Not determined	
Upper flammability limit:	Not determined	
Vapor pressure	Not determined	
Vapor density	4.5	
Water solubility	100%	
Partition coefficient	Not determined	
Autoignition temperature	Not determined	
Decomposition temperature	Not determined	

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 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.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Propane/n-Butane 68476-86-8	-	-	685 mg/m ³ , 4 hours (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

UN/ID No.	UN1950
Proper shipping name	Aerosols, Limited Quantity
Hazard Class	2.1
Packing Group	Not applicable.

IATA

UN/ID No.	UN1950
Proper shipping name	Aerosols, flammable
Hazard Class	2.1
Packing Group	Not applicable.

IMDG

UN/ID No.	UN1950
Proper shipping name	Aerosols, Limited Quantity
Hazard Class	2.1
Packing Group	Not applicable.
Environmental Class	
Marine Pollutant	Not applicable.

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL/NDSL	Complies

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

Acute health hazard	Yes
Chronic Health Hazard	Yes
Fire hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	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. 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

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

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 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