



LABORATORIES

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Version 1

Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product Name United 145 WEED LASER

Other means of identification

SDS# UNITED-145

Recommended use of the chemical

And restrictions on use

Recommended use Weed Killer Spray Non-Selective Spot Weed Killer
Uses Advised Against For institutional and industrial 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

Emergency Telephone 800-323-2594 (to reorder)
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 1
Liquefied gas	
Skin irritation	Category 2
Eye irritation	Category 2B
Aspiration hazard	Category 1

Label elements

Emergency Overview

Danger

Hazard statements

Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes skin and eye irritation. May be fatal if swallowed and enter airways. The product contains the following percentage of chemicals of unknown toxicity: 0%.

**Appearance** Brown**Physical state** Aerosol**Odor** Petroleum**Prevention**

Keep away from heat, sparks, open flames, and 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.

Response

If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists: Get medical attention /advice. If swallowed: Immediately call a poison center or doctor. Do not induce vomiting.

Storage

Store in well-ventilated place. Keep container tightly closed. 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)

No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%	Trade Secret
Aromatic Pet. Hydrocarbons	64742-94-5	60-100%	*
Isopropyl Alcohol	67-63-0	1-5%	*
Naphthalene	91-20-3	3-7%	*
Propane/n-Butane	68476-86-8	10-30%	*

*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 soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation develops.

Eye contact

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops or

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

Contact physician; do not induce vomiting unless directed by medical authority.

Most important symptoms and effects, both acute and delayed

Eyes: redness, tearing, blurred vision. Skin: Defatting and dermatitis. Inhalation: Irritation.
Oral: Abdominal irritation, nausea, vomiting and diarrhea and aspiration risk.

Indication of any immediate medical attention and special treatment needed

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

Dry Chemical. Carbon dioxide. Alcohol Foam

Unsuitable extinguishing media Water spray/stream.

Specific hazards arising from the chemical

Wear NIOSH and SCBA with a full face piece operated in a positive pressure demand mode with fully body protective clothing when fighting fires. Use water mist to keep material cool in fire situations. Keep away from sparks, open flames and hot surfaces. No smoking.

Protective equipment and precautions for firefighters

Firefighters must use self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Specific Methods

Use standard firefighting procedures and consider the hazards of other involved materials. Keep away from sparks, open flames and hot surfaces. Do not spray on an open flame or other ignition source. No smoking.

Hazardous Combustion Products

Oxides of carbon.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Refer to Section 8 for proper Personal Protective Equipment.

Environmental precautions

Environmental precautions None known.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so. Remove sources of ignition and heat.

Methods for cleaning up Use absorbent material (e.g. cloth, fleece). Sweep to clean. Dispose in accordance with local, state and federal laws. Small release may be wiped up with wiping material.

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

RCRA Status Waste likely considered hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Pressurized container: Do not pierce or burn, even after use. Use only in well-ventilated areas. Keep out of reach of children.

Conditions for safe storage, including any incompatibilities

Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warning and precautions listed for product.

Storage Conditions

Store locked up. Pressurized container. Do not puncture, incinerate or crush. Protect from direct sunlight, exceeding 50°C/122°F. Store in well-ventilated area.

Incompatible materials

Some plastics.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

No Exposure limits noted for ingredient(s).

Chemical Name	ACGIH TLV	OSHA PEL
Aromatic Pet. Hydrocarbons 64742-94-5	-	-
Isopropyl Alcohol 67-63-0	200 ppm	400 ppm
Naphthalene 91-20-3	10 ppm	10 ppm
Propane/n-Butane 68476-86-8	1000 ppm	1000 ppm

NIOSH IDLH *Immediately Dangerous to Life or Health*

Engineering Controls

Use only outdoors or in a well-ventilated area.

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 adequate ventilation.

General Hygiene

When using do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state

Aerosol.

Appearance

Clear.

Color

Brown

Odor

Petroleum scent.

Property

Values

Remarks • Method

pH

No Information available.

Specific Gravity

0.89

Viscosity

No Information available.

Melting point/freezing point

No Information available.

Flash point

<100°F

Boiling point/boiling range	>350
Evaporation rate	<1
Flammability	Extremely flammable.
Flammability Limit – lower	No information available.
Flammability Limit – upper	No information available.
Vapor pressure	No information available.
Vapor density	>4
Relative density	No information available.
Volatility including water	99%
Water Solubility	0%
Partition coefficient (n-octanol/water)	No information available.
Auto-ignition temperature	No information available.
Decomposition temperature	No information available.
Viscosity	No information available.
VOC (weight %)	27%

10. STABILITY AND REACTIVITY

Reactivity

If exposed to strong oxidizers, presents explosion hazard.

Chemical stability

Material is stable at normal conditions.

Possibility of Hazardous Reactions

None known.

Conditions to avoid

Temperatures greater than 122°F and sources of ignition.

Incompatible materials

Some plastics.

Hazardous Decomposition Products

Oxides of carbon. Exposure to red hot surfaces may produce carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eyes, inhalation, ingestion and skin.

Product Information

Inhalation	May cause dizziness, headaches, excessive or prolonged exposure may cause unconsciousness.
Eye contact	Causes eye irritation, redness, itching or burning may indicate excessive exposure.
Skin Contact	May cause irritation, localized defatting. Redness and itching or burning sensation may indicate excessive exposure.
Ingestion	Causes gastrointestinal irritation, headaches, nausea and diarrhea.
Symptoms related to the physical, chemical and toxicological characteristics	Excessive exposure will aggravate pre-existing disorders of eyes, skin, respiratory, liver, kidney, cardiovascular system, pulmonary illnesses or central nervous system.

Information on toxicological effects

Acute toxicity In eyes: redness, tearing and blurred vision may occur. On skin: defatting and dermatitis. If swallowed: abdominal irritation, nausea, vomiting, diarrhea and aspiration risk.

Chemical Name	Dermal LD50	Oral LD50	Inhalation LC50/NOEL
Isopropyl Alcohol 67-63-0	12,800 mg/kg (Rabbit)	5045 mg/kg (Rat)	16,000 ppm, 8 hours (Rat)

*Estimates for product may be based on additional component data not shown.

Skin/Eye irritation May cause redness, tearing and blurred vision. May cause skin defatting and dermatitis.
Sensitization This product is not expected to cause skin sensitization.
Germ cell mutagenicity No information available.
Carcinogenicity This product is not considered to be a carcinogen by IARC, OSHA, ACGIH and NTP.
Chronic health hazards No information available.
Reproductive toxicity No information available.
STOT - single exposure No information available.
STOT - repeated exposure No Information available.
Aspiration hazard No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

This material is toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present or intertidal areas below mean high water tank. Drift and runoff may be hazardous aquatic organisms in water is adjacent to treated areas. This chemical has properties and characteristics associated with chemicals detected in groundwater.

Persistence and degradability

These products are not biodegradable.

Bioaccumulation

This product can bioaccumulate in aquatic organisms.

Soil Mobility

This product is mobile in soil. This use of this chemical in areas where soils are permeable, particularly where the water is shallow, may result in groundwater contamination.

Other ecological hazards

This material is toxic to aquatic life.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

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

US RCRA Hazardous Waste U List: Reference Waste likely considered hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

Waste from residues/unused Products Disposal should be in accordance with local, state and federal regulations.

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(es) 2.1
 Packaging exceptions Not applicable.

IATA

UN/ID No. UN1950
 UN proper shipping name Aerosols, Limited Quantity
 Hazard class(es) 2.1

IMDG

UN/ID No. UN1950
 Proper shipping name Aerosols, Limited Quantity
 Hazard class(es) 2.1

Environmental hazards No information available.

15. REGULATORY INFORMATION

International Inventories

This chemical is a pesticide product registered by the 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, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label: CAUTION: Causes moderate eye irritation. Avoid contact with eyes, skin and clothing. Harmful if swallowed. FLAMMABLE: Contents under pressure. Do not use near fire, sparks and flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. EAP Reg. No. 44446-64.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory - Yes
 DSL/NDL - Canadian Domestic Substances List – Yes Non-Domestic Substances List - No

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical which is subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372. Naphthalene (91-20-3)

SARA 311/312 Hazard Categories

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

CERCLA Hazardous Substance List (40 CFR 302.4)

This material, as supplies, does not contain a substance regulated as a 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).

US State Regulations

Chemical Name	New Jersey	Rhode Island	Pennsylvania
Naphthalene	X	X	X

California Proposition 65

WARNING: This product contains a chemical (Naphthalene, 91-20-3) known to the State of California to cause cancer.

16. OTHER INFORMATION

<u>HMIS</u>	Health hazards 2	Flammability 3	Reactivity 1	Personal protection None
<u>NFPA</u>	Health hazards 2	Flammability 3	Reactivity 1	Special hazards B

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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