

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product Name United 127 SEASONAL EQUIPMENT WAX

Other means of identification

SDS# UNITED 127

Recommended use of the chemical

And restrictions on use Aerosol Snow Plow Wax and Lawnmower Deck Treatment
Recommended use For institutional and industrial use only.

Uses Advised Against

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

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
Skin Irritant	Category 2
Reproductive toxicity	Category 2
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 2
Aspiration hazard	
Liquefied Gas	

Label elements

Emergency Overview

Danger

Hazard statements

Extremely flammable aerosol. Contains gas under pressure: May explode if heated. Causes skin irritation. Suspected of damaging fertility or the unborn child. May cause drowsiness or dizziness. May causes damage to organs (central nervous system, kidney, peripheral nervous system, brain, lungs, and reproductive system) through prolonged or repeated exposure. May be fatal if swallowed and enters airways.

This product contains the following percentage of chemicals of unknown toxicity: N/A.



Appearance Colorless

Physical state Aerosol

Odor Solvent odor

Prevention

Keep away from heat/sparks/open flames and hot surfaces. No smoking. Do not spray on open flame or other ignition source. Pressurized container. Do not pierce or burn, even after use. Protect from sunlight. Wash thoroughly after handling. Wear protective gloves, protective clothing, eye protection and face protection. Do not expose to temperatures exceeding 50°C/122°F.

Response

If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. If exposed or concerned: Get medical advice or attention. Do not breathe fumes, mist, vapors, and spray. Use only outdoors or in a well-ventilated area. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting. Do not eat, drink or smoke when using this product.

Storage

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

Disposal

Dispose of contents/container in accordance with local/state and national regulations.

Hazard(s) not otherwise classified (HNOC)

N/A.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%	Trade Secret
Hexane	110-54-3	30-60	*
N-Butane	106-97-8	10-30	*
Heptane	142-82-5	10-30	*
Propane	74-98-6	5-15	*
Naphtha (petroleum), hydrotreated light	64742-49-0	5-15	*
Distillates (petroleum), light distillate hydrotreating process, low-boiling	68410-97-9	5-15	*

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

4. FIRST AID MEASURES

First aid measures

Skin Contact

Wash skin thoroughly with soap and water. Remove contaminated clothing and shoes, launder before reuse. If irritation persists seek medical attention.

Eye contact

Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

Inhalation Move to fresh air. If breathing is difficult or unconscious, administer oxygen. If not breathing administer artificial respiration. Seek medical attention if irritation persists.

Ingestion Rinse mouth. Do not induce vomiting. Get medical advice or attention.

Most important symptoms and effects, both acute and delayed

Acute health hazards: Eyes: redness, tearing, blurred vision. Skin: defatting and dermatitis. Inhalation: anesthetic, irritation, central nervous system depression. Oral: abdominal irritation, nausea, vomiting, diarrhea, and aspiration risk.

Chronic health hazards: Excessive exposure may result in peripheral neuropathies due to n-hexane. Symptoms would be sensory numbness and possible motor weakness in extremities.

Indication of any immediate medical attention and special treatment needed

Note to physician: If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Dry chemical. Foam. Carbon Dioxide. Water spray or fog.

Unsuitable extinguishing media Water spray/stream.

Unusual fire and explosion hazards

Extremely flammable. Contents under pressure. Exposure to temperatures above 120°F may cause bursting. Keep away from sparks, open flames and other sources of ignition.

Protective equipment and precautions for firefighters

Wear full protective clothing and NIOSH approved SCBA with full facepiece operated in positive pressure or pressure demand. Use water mist to keep material cool in fire situations.

Hazardous combustion products

Oxides of carbon.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions For personal protection, see Section 8 on this SDS.

Methods and material for containment and cleaning up

Methods for containment and for cleaning up Spill: Absorb with non-combustible material like vermiculite, sand or earth and rinse with small amount of soapy water. Do not allow to drain into sewers or storm drains.

Waste Disposal Dispose of in accordance with local, State and Federal regulations. Do not puncture, incinerate, or reuse empty container. Wrap container and place in trash collection.

RCRA Status Waste likely considered hazardous under RCRA; however, product should be fully characterized prior to disposal (40CFR261).

7. HANDLING AND STORAGE

Precautions for safe handling and storage

Advice on safe handling and storage Wear appropriate protective equipment. Avoid contact with skin, eyes and clothing. Do not inhale mist or vapor. Protect from sunlight. Store in a well-ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use.

Keep out of reach of children.

Incompatible materials Strong oxidizing agents, strong reducing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines	No Exposure limits noted for ingredient(s).		
Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Heptane	400 ppm	500 ppm	-
Hexane	50 ppm	500 ppm	-
N-Butane	1000 ppm	Not established	-
Naphtha (petroleum), hydrotreated light	247 ppm	Not established	-
Distillates (petroleum), light distillate hydrotreating process, low-boiling	200 ppm	Not established	-

NIOSH IDLH Immediately Dangerous to Life or Health

Appropriate engineering controls

Engineering Controls Material is heavier than air. Material may concentrate in low lying areas. Normal, forced ventilation required to meet TLV requirements. Local exhaust ventilation is generally preferred.

Individual protection measures, such as personal protective equipment

- Eye/face protection** Wear safety glasses.
- Skin and body protection** Wear chemical resistant gloves.
- Respiratory protection** If exposure levels are exceeded then organic vapor cartridge respirator or SCBA will be needed.

General Hygiene Wear protective clothing to prevent repeated or prolonged contact with product. Wash hands thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state Gas.
Form Aerosol.
Color Colorless
Odor Solvent odor

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not determined.	
Specific Gravity	No information available	
Viscosity	Not determined.	
Melting point/freezing point	Not determined.	
Flash point	Not determined.	
Flammability	Extremely Flammable Aerosol	

Boiling point/boiling range	Not determined.
Evaporation rate	Fast.
Flammability Limit – lower	Not determined.
Flammability Limit – upper	Not determined.
Vapor pressure	Not determined.
Vapor density	Not determined
Relative density	0.68-0.71
Water Solubility	Not determined.
Partition coefficient (n-octanol/water)	Not determined.
Auto-ignition temperature	Not determined.
Decomposition temperature	Not determined.
Viscosity	Not determined.
VOC (weight %)	96%

10. STABILITY AND REACTIVITY

Reactivity

None known.

Chemical stability

Material is stable at normal conditions.

Possibility of Hazardous Reactions

None known.

Conditions to avoid

Excess heat, open flame, sparks, electric equipment, ignition sources, and incompatible materials

Incompatible materials

Strong acids, strong oxidizing agents.

Hazardous Decomposition Products

Oxides of carbon, and various hydrocarbons.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	May cause irritation to the respiratory tract, dizziness, headaches, drowsiness, unconsciousness.
Eye contact	May cause burning, irritation, redness, tearing.
Skin Contact	Irritation likely, redness and pain. May cause localized defatting, blistering with prolonged skin contact. May be absorbed through skin.
Ingestion	May cause gastrointestinal irritation, nausea, diarrhea, vomiting, aspiration hazard.

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.

Chemical Name	Dermal LD ₅₀	Oral LD ₅₀	Inhalation LC ₅₀
Hexane (110-54-3)	>2000 mg/kg, (Rabbit)	>5000 mg/kg (Rat)	>3367 ppm, 4 hr (Rat)
n-Butane (106-97-8)	-	-	30957 mg/m ³ 4 hr (Rat)
Heptane (142-82-5)	-	-	1600 ppm Vapors (Mice)
Propane (74-98-6)	-	-	658 mg/l 4hr (Rat)

Skin irritation Irritation likely, redness and pain. May cause localized defatting, blistering with prolonged skin contact. May be absorbed through the skin.

Eye irritation May cause eye irritation, pain, redness, tearing, swelling.

Sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity OSHA/ACGIH/NTP/IARC. Other: CA Prop 65

Reproductive toxicity No information available.

Acute hazard Eyes: redness, tearing, blurred vision. Skin: defatting and dermatitis. Inhalation: Anesthetic, irritation, central nervous system depression. Oral: abdominal irritation, nausea, vomiting, diarrhea, and aspiration risk.

Chronic effects Excessive exposure may result in peripheral neuropathies due to n-hexane. Symptoms would be sensory numbness and possible motor weakness in extremities.

Medical condition aggravated Excessive exposure will aggravate pre-existing disorders of eyes, skin, respiratory, liver, kidney, cardiovascular system, pulmonary illnesses, or central nervous system .

12. ECOLOGICAL INFORMATION

Ecotoxicity
Toxic to aquatic life.

Persistence and degradability
Product is biodegradable.

Bioaccumulation
Components in this mixture can bioaccumulate in aquatic organisms.

Soil Mobility
Not determined.

Other adverse effects
None known.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal Considerations Dispose of in accordance with local, State and Federal regulations. Do not puncture, incinerate, or reuse empty container. Wrap container and place in trash collection.

RCRA Status Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40CFR261).

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
 Transport hazard class(es) 2.1
 Packaging group Not applicable

IATA

UN/ID No. UN1950
 UN proper shipping name Aerosols, flammable
 Transport hazard class(es) 2.1
 Packaging group Not applicable

IMDG

UN/ID No. UN1950
 Proper shipping name Aerosols, Limited Quantity
 Transport hazard Class(es) 2.1
 Packaging group Not applicable
 Environmental Class
 Marine Pollutant Yes.

15. REGULATORY INFORMATION

International Inventories

All components of this product are on the Canadian DSL list.

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory - All chemicals are listed or exempt
DSL/NDL - Canadian Domestic Substances List – Yes

US Federal Regulations

SARA 311/312 Hazard Categories

Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains 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.

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

SARA 313 (TRI reporting)

Chemical Name	CAS number
n-Hexane	110-54-3

CERCLA Hazardous Substance List (40 CFR 302.4)

Hexane (110-54-3) Reportable quantity = 5000 lbs.

US State Regulations

California Proposition 65

California Proposition 65: This product can expose you to chemicals including benzene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov. Hexane (110-54-3) is listed on the following State Hazardous Substance Inventories, Right-to-Know lists and/or Air Quality/Air Pollutants lists: CA, NJ, NY, NC, PA, RI, WI.

16. OTHER INFORMATION

<u>NFPA</u>	Health hazards 2	Flammability 3	Physical hazards 0	Personal Protection -
<u>HMIS</u>	Health hazards 2	Flammability 3	Physical hazards 0	Personal protection B
Issue Date	28-Aug-2019			
Revision Date	21-Jan-2022			
Revision Note	New Format			

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