



LABORATORIES

Issue Date 10-Jul-2015

Revision Date 14-Jun-2016

Version 2

Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product Name United 134 SOLAR GOLD BUG & TAR REMOVER

Other means of identification

SDS# UNITED 134

Recommended use of the chemical

And restrictions on use

Recommended use Bug and Tar Remover
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
Skin Sensitization	Category 1
Skin Irritant	Category 2
Liquefied Gas	

Label elements

Emergency Overview

Danger

Hazard statements

Extremely flammable aerosol. Contains gas under pressure; May explode if heated. Pressurized container: May burst if heated. Causes skin irritation. May cause an allergic skin reaction.

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



Appearance Clear liquid with pale amber color

Physical state Aerosol

Odor Fresh Citrus Scent

Prevention

Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Store in well-ventilated place. Avoid breathing dust/fume/gas/mist/vapor/spray. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing / face protection. Keep away from heat, sparks, open flames and hot surfaces – no smoking.

Response

If on skin: Remove/Take off immediately all contaminated clothing. Wash before reuse. Rinse skin with water/shower. Wash face, hands and any exposed skin thoroughly after handling.

Storage

Store in well-ventilated place. 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)

None known.

Environmental hazards

No information available.

Supplemental information

Hazard statement

No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%	Trade Secret
Carbon Dioxide	124-38-9	1-5	*
d-1,8(9)-p-menthadiene	5989-27-5	30-40	*

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

4. FIRST AID MEASURES

First aid measures

Skin Contact

If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical attention. Remove contaminated clothing. Wash contaminated clothing before reuse.

Eye contact

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

Inhalation

If inhaled: Move to fresh air. Avoid breathing oil mists. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration. Seek immediate medical attention.

Ingestion If swallowed: Rinse mouth. Do not induce vomiting. Get medical attention/advice.

Most important symptoms and effects, both acute and delayed

None known.

Indication of any immediate medical attention and special treatment needed

None known.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Dry Chemical. Carbon dioxide. Foam and water fog.

Unsuitable extinguishing media Water spray/stream

Specific hazards arising from the chemical

Wear NIOSH approved SCBA with a full piece operated in a positive pressure demand mode with full body protective clothing when fighting fires.

General fire hazards

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

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

Hazardous Combustion Products

Oxides of carbon.

Specific Methods

Use standard firefighting procedures.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Keep unnecessary personnel away. Refer to Section 8 for proper Personal Protective Equipment.

Environmental precautions

Environmental precautions None Known.

RCRA Status No listed as hazardous waste under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

Methods and material for containment and cleaning up

Methods for containment And cleaning up Spills: Contain spill and eliminate ignition sources and ventilate area. Prevent spill from entering sewers, storm drains, and natural waterways. Use non-combustible material like vermiculite, sand or earth for larger spills.

Dispose of in accordance with federal, state, and local regulations. Do not reuse, puncture, or incinerate container. Wrap container and place in trash collection.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling

Pressurized container: Do not pierce or burn, even after use. Wash hands thoroughly after handling. Protect from sunlight. Keep out of reach of children. Avoid contact with eyes, skin or clothing. Do not get in eyes. Do not get on skin. Do not breathe mist. Do not store with acids. Do not take internally.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Do not expose to direct sunlight, exceeding 50°C/122°F. Store in well-ventilated area. Keep container closed. Follow label directions exactly.

Incompatible materials

Strong acids, strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

No Exposure limits noted for ingredient(s).

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Carbon Dioxide 124-38-9	5000 ppm	5000 ppm	-
d-1,8(9)-p-menthadiene 5989-27-5	-	-	-

NIOSH IDLH Immediately Dangerous to Life or Health

Biological limited values

No information available.

Appropriate engineering controls

Engineering Controls

Local ventilation / exhaust may be needed in confined spaces.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear safety glasses or goggles.

Skin and body protection

Safety gloves. Wash hands thoroughly after handling.

Respiratory protection

None needed if good ventilation is maintained.

General Hygiene

When using do not eat, drink or smoke. Always observe good personal hygiene measures.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state

Aerosol.

Appearance

Clear with pale amber liquid

Color

Clear liquid with pale amber color

Odor

Fresh citrus.

Property

Values

Remarks • Method

pH

No information available.

Specific Gravity

0.880 (H₂O=1)

Viscosity

No information available.

Melting point/freezing point

No information available.

Flash point

Between 100° and 200°F

Boiling point/boiling range	No information available.
Evaporation rate	No information available.
Flammability	Extremely flammable aerosol.
Flammability Limit – lower	No information available.
Flammability Limit – upper	No information available.
Vapor pressure	1.0 mmHG@77°F/25°C estimated.
Vapor density	No information available.
Relative density	No information available.
Water Solubility	Miscible.
Partition coefficient (n-octanol/water)	No information available.
Auto-ignition temperature	No information available.
Decomposition temperature	No information available.
Volatile including water	No information available.
Viscosity	No information available.
VOC (weight %)	<30%

10. STABILITY AND REACTIVITY

Reactivity

No information available.

Chemical stability

Material is stable at normal conditions.

Possibility of Hazardous Reactions

None Known.

Conditions to avoid

Avoid extreme hot and cold temperatures.

Incompatible materials

Strong acids, strong oxidizing agents.

Hazardous Decomposition Products

Oxides of carbon.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eyes, Ingestion, Inhalation and Skin.

Product Information

Inhalation	No hazards with normal use. May cause irritation of the respiratory tract.
Eye contact	May cause eye irritation and redness.
Skin Contact	May cause irritation with prolonged or repeated contact.
Ingestion	May be harmful if ingested.
Symptoms related to the physical, chemical and toxicological characteristics	May aggravate pre-existing medical conditions.

Information on toxicological effects

Acute toxicity	None known.
Skin/Eye irritation	May cause skin/eye irritation.
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, NTP and ACGIH.
Reproductive toxicity	No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

No information available.

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Soil Mobility

No information available.

Other adverse effects

No other adverse environmental effects are expected from this component.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste Disposal Considerations Dispose of in accordance with federal, state, and local regulations. Do not reuse, puncture, or incinerate container. Wrap container and place in trash collection.

US RCRA Hazardous Waste U List: Reference

No listed as a hazardous waste under RCRA, however product should be fully characterized prior to disposal (40 VFR 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, Ltd., Qty.
Labels required	2.1
Packaging exceptions	No information available.

IATA

UN/ID No.	UN1950
UN proper shipping name	Aerosols, Ltd., Qty.
Transport hazard class(es)	2.1

IMDG

UN/ID No.	UN1950
Proper shipping name	Aerosols. Ltd., Qty.
Transport hazard Class(es)	2.1

Environmental Class No information available.

15. REGULATORY INFORMATION

International Inventories

All components are listed or exempted.

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory - Yes all chemicals listed.

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

CERCLA Hazardous Substance List (40 CFR 302.4)

This material, as supplied, 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

This product does not contain a chemical known to the state of California to cause birth defects or other reproductive harm or cancer.

California Proposition 65

This product does not contain a chemical known to the State of California to cause cancer.

16. OTHER INFORMATION

<u>NFPA</u>	Health hazards 1	Flammability 2	Reactivity 0	Physical/Chemical Properties N/A
<u>HMIS</u>	Health hazards 1	Flammability 2	Physical hazards 0	Personal protection 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