



Safety Data Sheet

Issue Date 11-Apr-2015

Revision Date 4-August--2015

Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product Name United 179 SAMSON

Other means of identification

SDS# UNITED-179

Recommended use of the chemical

And restrictions on use

Recommended use Industrial Strength Build-Up Remover
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
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 Aerosols	Category 2
Skin Irritant	Category 2
Eye Irritant	Category 2b
Liquefied Gas	

Label elements

Emergency Overview

Warning

Hazard statements

Flammable aerosol. Contains gas under pressure; may explode if heated. Causes skin and eye irritation.

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

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

Response

If in eyes: 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. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse. Wash hands thoroughly after handling.

Storage

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

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC)

None classified.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%	Trade Secret
2-Butoxyethanol	111-76-2	10-30%	*
Propane/n-Butane	68476-86-8	7-13%	*
Non-ionic Surfactant	127087-87-0	1-5%	*

*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 occurs: get medical attention.

Eye contact

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

Inhalation

Remove individual 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

Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention if irritation persists.

Most important symptoms and effects, both acute and delayed

Eyes: Redness, tearing and blurred vision. Skin: Defatting and dermatitis. No chronic health hazards known.

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 individual.

5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

Use appropriate media for surrounding fire.

Unsuitable extinguishing media None Known.

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 with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Avoid contact with skin and breathing smoke, fumes and decomposition products. Cool fire exposed containers with water fog to prevent bursting.

Specific Methods

Use standard firefighting procedures and consider the hazards of other involved materials.

Hazardous combustion products

Acrid smoke and oxides of carbon.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

Personal precautions Keep unnecessary personnel away. For personal protection, see Section 8 of the SDS.

Environmental precautions

Environmental precautions None Known.

Methods and material for containment and cleaning up

Methods for containment and cleaning up Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Large quantities should be picked up with oil dry or equivalent, small quantities may be flushed to the sewer with large quantities of water.

Waste disposal Dispose of in accordance with federal, state and local regulations.

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 Pressurized container: Do not pierce or burn, even after use. Do not smoke while using or until sprayed surface is thoroughly dry. Keep away from heat, sparks, flame and other sources of ignition. Keep out of reach of children.

Conditions for safe storage, including any incompatibilities

Storage Conditions Store locked up. Pressurized container. Do not puncture, incinerate or crush. Avoid exposure to direct sunlight, exceeding 50°C/122°F. Store in well-ventilated area.

Incompatible materials Strong acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Appropriate engineering controls

Engineering Controls General ventilation and local exhaust should be adequate.

Chemical Name	OSHA	ACGIH TLV
Propane/n-Butane 68476-86-8	PEL: 1000 ppm	TWA: 1000 ppm
2-Butoxyethanol 111-76-2	PEL: 50 ppm	TWA: 20 ppm
Non-Surfactant 127087-87-0	Not Established	Not Established

Individual protection measures, such as personal protective equipment

Eye/face protection	Safety glasses are recommended.
Skin and body protection	Chemical resistant gloves are recommended. Wash hands with water.
Respiratory protection	Wear NIOSH/MSHA approved respiratory protection if used in confined, poorly ventilated area.
General Hygiene	When using, do not eat, drink or smoke. Regular cleaning of clothing is recommended. Wash hands if contacted, after use, with product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Aerosol
Appearance	White Foam
Color	Clear
Odor	Soapy

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	9.75	
Specific Gravity	0.99@77°F (25°C)	
Viscosity	No Information available.	
Melting point/freezing point	No information available.	
Flash point	No information available.	
Boiling point and Boiling range	No information available.	
Evaporation rate	>1	
Flammability (solid, gas)	Flammable Aerosol	
Upper flammability limit:	No information available.	
Lower flammability limit:	No information available.	
Vapor pressure	17.5 @77°F (25°C)	

Vapor density	1
Relative density	No information available.
Water solubility	100%
Volatility including water	99%
Dielectric Strength	No information available.
Partition coefficient	No information available.
Auto-ignition temperature	No information available.
Decomposition temperature	No information available.
VOC (weight %)	25%

10. STABILITY AND REACTIVITY

Reactivity

Chemically active metals and acids.

Chemical stability

Material is stable at normal conditions.

Possibility of Hazardous Reactions

None known.

Conditions to avoid

Do not mix with strong acids. Avoid temperatures exceeding temperatures greater than 122°F. May cause bursting.

Incompatibles

Strong agents.

Hazardous Decomposition Products

None known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eyes, Ingestion, and Skin.

Product Information

Inhalation – Irritant. Avoid breathing spray mist. May cause irritation to respiratory tract.

Eye Contact – Causes mild if any irritation.

Skin Contact – Brief contact is not irritating. May cause irritation, dryness, redness, localized defatting with prolong or repeated contact. Removes natural oils and fats from skin.

Ingestion – May cause nausea, diarrhea, vomiting, depending on the amount ingested.

Chemical Name	Oral LD ₅₀	Inhalation LC ₅₀	Dermal LD ₅₀
2-Butoxyethanol 111-76-2	470 mg/kg (Rat)	450 ppm, 4 hours (Rat)	220 mg/kg (Rabbit)

Symptoms related to the physical, chemical and toxicological characteristics

Pre-existing disorders of the skin, respiratory system, and eyes will be aggravated by over exposure.

Delayed and immediate effects as well as acute/chronic effects from short and long-term exposure

Eyes: redness, tearing and blurred vision. Skin: Defatting and dermatitis. No known chronic effects.

Carcinogenicity: This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life only in high concentrations, lethal concentrations not available. 2-Butoxyethanol (111-76-2).

Persistence and degradability

This product is not biodegradable.

Bioaccumulation

This product is not expected to bioaccumulate.

Soil Mobility

This product is mobile in soil.

Other Ecological Hazards

None known.

13. DISPOSAL CONSIDERATIONS**Waste treatment methods****Disposal of wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Local disposal regulations

Dispose in accordance with local regulations. Do not puncture or incinerate containers.

RCRA Hazardous 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, Ltd. Qty.
Transport hazard class(es)	2.1

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	2.1

Environmental Class
Marine Pollutant

No information available.

15. REGULATORY INFORMATION**International Inventories**

2-Butoxyethanol (111-76-2) Europe, Japan, Australia, Canada, Korea, Philippines, New Zealand and China – Yes

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory-Yes

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List-No

*A Yes indicates that all components of this product comply with the inventory requirements administered by the governing country(s). A No indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

US Federal Regulations

Superfund Amendments and Reauthorization Act of 1986

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

SARA 313 (TRI reporting)

None Known.

SARA 311/312 Hazardous categories

None Known.

CWA (Clean Water Act)

None Known.

CERCLA

This material, as supplied, does not contain a substance regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

California Proposition 65

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

US State Regulations

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey-Rhode Island	Massachusetts	Pennsylvania
Propane/n-Butane 68476-86-8	X	X	X
2-Butoxyethanol 111-76-2	X	X	X

16. OTHER INFORMATION

NFPA **Health hazards** 2 **Flammability** 1 **Reactivity** 0 **Physical and Chemical Properties** None

HMIS **Health hazards** 2 **Flammability** 1 **Reactivity** 0 **Personal protection** B

Issue Date 11-Apr-2015

Revision Date 4-August-2015

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