

Issue Date 04-Aug-2015

Revision Date 09-Aug-2022

Version 2

## 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

**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 another 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 a well-ventilated place. Wash hands thoroughly after handling,

**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: Wash skin with plenty of water. Get medical attention. Take off contaminated clothing and wash it 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 a 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. Remove 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 the 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 are 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 sources.

**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** 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. Protect from sunlight. 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 a 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 PEL	ACGIH TLV
Propane/n-Butane 68476-86-8	1000 ppm	1000 ppm
2-Butoxyethanol 111-76-2	50 ppm	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.

**Respiratory protection**

Wear NIOSH/MSHA-approved respiratory protection if used in a confined, poorly ventilated areas.

**General Hygiene**

Regular cleaning of clothing is recommended. Wash hands if contacted, after use, with the product.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

<b>Physical state</b>	Aerosol
<b>Appearance</b>	White Foam
<b>Color</b>	Clear
<b>Odor</b>	Ammonia odor
<b>Odor Threshold</b>	5 ppm

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>
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:	Not determined.	
Lower flammability limit:	Not determined.	
Vapor pressure	17.5 @77°F (25°C)	
Vapor density	1	
Relative density	No information available	
Water Solubility	100%	

<b>Volatility including water</b>	99%
<b>Dielectric Strength</b>	No information available.
<b>Partition coefficient</b>	Not determined.
<b>Auto-ignition temperature</b>	Not determined.
<b>Decomposition temperature</b>	Not determined.
<b>VOC (weight %)</b>	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 acids.

### 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. It may cause irritation to the respiratory tract.

**Eye Contact** – Causes mild irritation.

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

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

Chemical Name	Oral LD <sub>50</sub>	Inhalation LC <sub>50</sub>	Dermal LD <sub>50</sub>
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 overexposure.

### 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**

<b>Disposal of wastes</b>	Disposal should be in accordance with applicable federal, state and local laws and regulations.
<b>Local disposal regulations</b>	Dispose in accordance with local regulations. Do not puncture or incinerate containers.
<b>RCRA Hazardous Status</b>	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**

<b>UN/ID No.</b>	UN1950
<b>Proper shipping name</b>	Aerosols, Ltd. Qty.
<b>Transport hazard class(es)</b>	2.1

**IATA**

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

**IMDG**

<b>UN/ID No.</b>	UN1950
<b>Proper shipping name</b>	Aerosols, Ltd. Qty.
<b>Transport hazard class</b>	2.1

<b>Environmental Class</b>	No information available.
<b>Marine Pollutant</b>	

### 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; all chemicals listed or exempt

**DSL/NDL** - 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 county(s). A No indicates that one or more components of the product are no listed or exempt from listing on the inventory administered by the governing country(s).

**US Federal Regulations**

**Superfund Amendments and Reauthorization Act of 1986**

<b>Acute health hazard</b>	No
<b>Delayed hazard</b>	No
<b>Fire hazard</b>	Yes
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	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**

No information available .

<b>16. OTHER INFORMATION</b>				
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<b><u>NFPA</u></b>	Health hazards 2	Flammability 1	Reactivity 0	<b>Physical and Chemical Properties</b> None
<b><u>HMIS</u></b>	Health hazards 2	Flammability 1	Reactivity 0	<b>Personal protection</b> B

<b>Issue Date</b>	04-Aug-2015
<b>Revision Date</b>	09-Aug-2022
<b>Revision Note</b>	Regulatory revisions

**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**