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).

<table>
<thead>
<tr>
<th>Classification</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammable Aerosols</td>
<td>Category 2</td>
</tr>
<tr>
<td>Skin Irritant</td>
<td>Category 2</td>
</tr>
<tr>
<td>Eye Irritant</td>
<td>Category 2b</td>
</tr>
<tr>
<td>Liquefied Gas</td>
<td></td>
</tr>
</tbody>
</table>

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.

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

*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

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.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>OSHA</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propane/n-Butane 68476-86-8</td>
<td>PEL: 1000 ppm</td>
<td>TWA: 1000 ppm</td>
</tr>
<tr>
<td>2-Butoxyethanol 111-76-2</td>
<td>PEL: 50 ppm</td>
<td>TWA: 20 ppm</td>
</tr>
<tr>
<td>Non-Surfactant 127087-87-0</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>9.75</td>
<td></td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.99@77°F (25°C)</td>
<td></td>
</tr>
<tr>
<td>Viscosity</td>
<td>No Information available.</td>
<td></td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>No information available.</td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
<td>No information available.</td>
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</tr>
<tr>
<td>Boiling point and Boiling range</td>
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<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>&gt;1</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Flammable Aerosol</td>
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<tr>
<td>Upper flammability limit:</td>
<td>No information available.</td>
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<tr>
<td>Lower flammability limit:</td>
<td>No information available.</td>
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</tr>
<tr>
<td>Vapor pressure</td>
<td>17.5@77°F (25°C)</td>
<td></td>
</tr>
</tbody>
</table>
Vapor density 1
Relative density No information available.
Water solubility 100%
Vollatility 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.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD&lt;sub&gt;50&lt;/sub&gt;</th>
<th>Inhalation LC&lt;sub&gt;50&lt;/sub&gt;</th>
<th>Dermal LD&lt;sub&gt;50&lt;/sub&gt;</th>
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</thead>
<tbody>
<tr>
<td>2-Butoxyethanol</td>
<td>470 mg/kg (Rat)</td>
<td>450 ppm, 4 hours (Rat)</td>
<td>220 mg/kg (Rabbit)</td>
</tr>
<tr>
<td>111-76-2</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.
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 No information available.
Marine Pollutant

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 county(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 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).

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey-Rhode Island</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
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<tbody>
<tr>
<td>Propane/n-Butane 68476-86-8</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>2-Butoxyethanol 111-76-2</td>
<td>X</td>
<td>X</td>
<td>X</td>
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16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health hazards</th>
<th>Flammability</th>
<th>Reactivity</th>
<th>Physical and Chemical Properties</th>
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<tbody>
<tr>
<td>HMIS</td>
<td>Health hazards</td>
<td>Flammability</td>
<td>Reactivity</td>
<td>Personal protection</td>
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<td>Issue Date</td>
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<td>Revision Date</td>
<td>4-August-2015</td>
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<tr>
<td>Revision Note</td>
<td>No Information</td>
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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