1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier
Product Name
United 181 SMART SOLVE® Universal Degreaser

Other means of identification
SDS #
UNITED-181

Recommended use of the chemical and restrictions on use.
Recommended Use
Universal Degreaser Aerosol.
Uses Advised Against
For industrial and institutional use only.

Details of the supplier of the safety data sheet
Supplier Address
United Laboratories, Inc.
320 37th Avenue
St. Charles, IL 60174
www.unitedlabsinc.com
www.unitedlabsinc.ca

Emergency Telephone Number
Company Phone Number
800-323-2594 (to reorder)
Emergency Telephone (24 hr)
INFOTRAC 1-800-535-5053 (North America)
1-352-323-3500 (International)

2. HAZARDS IDENTIFICATION

Hazard Statement

Danger

Classification

| Flammable Aerosol | Category 1 |
| Compressed Gas    |            |
| Skin Irritant     | Category 2 |
| Eye Irritant      | Category 2A|
| Acute Toxicity Oral | Category 4 |

Extremely Flammable Aerosol. Contains gas under pressure: May explode if heated. Causes skin and serious eye irritation. Harmful if swallowed.

This product contains the following percentage of chemicals of unknown toxicity: 0%.
Precautionary Statements-Prevention
Keep away from heat, sparks, open flames and 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 a well-ventilated place. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves and eye protection. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse. 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 swallowed: Immediately call a poison center or doctor if you feel unwell. Rinse mouth. Dispose of contents and container in accordance with local, state, and national regulations.

Hazards Not Otherwise Classified (HNOC)
None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous Ingredient</th>
<th>CAS Number</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohol, C9-11, Ethoxylate</td>
<td>68439-46-3</td>
<td>1-5 %</td>
</tr>
<tr>
<td>Alcohol, C10-16, Ethoxylate</td>
<td>68002-97-1</td>
<td>1-5%</td>
</tr>
<tr>
<td>Carbon Dioxide</td>
<td>124-38-9</td>
<td>1-5 %</td>
</tr>
<tr>
<td>Dipropylene Glycol</td>
<td>25265-71-8</td>
<td>0.1-1 %</td>
</tr>
</tbody>
</table>

*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.*

4. FIRST-AID MEASURES

First Aid Measures

Eye Contact
Remove contact lenses. Flush with water for at least 15 minutes. See a physician if irritation persists.

Skin Contact
Immediately wash with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation persists.

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

Acute

Indication of any immediate medical attention and special treatment needed

Notes to Physician
There is no specific treatment regimen. Treatment of overexposure should be directed at the control symptoms and the clinical condition of patient.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Dry chemical, carbon dioxide, alcohol foam, and water spray or fog.

Unsuitable Extinguishing Media
Not available.

Unusual Fire and Explosion Hazards
Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.

Hazardous Combustion Products
Oxides of carbon.
Special Firefighting Procedures
Wear full protective clothing and NIOSH approved SCBA with full face-piece operated in positive pressure or pressure demand mode with full body protective clothing when fighting fire.

6. ACCIDENTAL RELEASE MEASURES

Methods and material for containment and cleaning up

Spill
Floors will become slippery. Avoid walking in product. Ventilate area well. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to sewer or open waterways. Dispose in accordance with local, state and federal laws.

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

RCRA Status
Not listed as hazardous waste under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

7. HANDLING AND STORAGE

Precautions for safe handling

Handling and Storage
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.

Other Precautions
Keep out of reach of children.

Incompatibility
Strong acids and strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

<table>
<thead>
<tr>
<th>Hazardous Ingredient</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohol, C9-11, Ethoxylate</td>
<td>Not established</td>
<td>Not established</td>
</tr>
<tr>
<td>Alcohol, C10-16, Ethoxylate</td>
<td>Not established</td>
<td>Not established</td>
</tr>
<tr>
<td>Carbon Dioxide</td>
<td>5000 ppm</td>
<td>5000 ppm</td>
</tr>
<tr>
<td>Dipropylene Glycol</td>
<td>Not established</td>
<td>Not established</td>
</tr>
</tbody>
</table>

Appropriate engineering controls

Engineering Controls
Use only outdoors or in a well-ventilated area.

Individual protection measures, such as personal protective equipment

Respiratory Protection
Wear NIOSH/MSHA approved organic vapor respiratory protection if exposure limits are exceeded.

Protective Clothing
Safety glasses and chemical resistant gloves.

Additional Measures
Wash hands thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Appearance</th>
<th>Odor</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquid</td>
<td>Clear liquid spray</td>
<td>Citrus scent</td>
<td>Clear</td>
</tr>
<tr>
<td>Property</td>
<td>Values</td>
<td>Remarks • Method</td>
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</tr>
<tr>
<td>----------------------------------</td>
<td>-----------------------------</td>
<td>------------------</td>
<td></td>
</tr>
<tr>
<td>pH</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Boiling Point</td>
<td>&gt;500 °F (260°C)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>240°F (115°C)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flammability Low/High</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Flammability</td>
<td>Extremely Flammable Aerosol</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>85 PSI</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vapor Density</td>
<td>&gt;1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Specific Gravity</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Solids</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Not available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Volatility Including Water</td>
<td>Not available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>VOC Content</td>
<td>None</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 10. STABILITY AND REACTIVITY

**Reactivity**
If exposed to strong oxidizers, presents explosion hazard.

**Chemical Stability**
Stable.

**Conditions to Avoid**
Extremes of hot and cold.

**Incompatibility**
Strong acids and strong oxidizing agents.

**Hazardous Decomposition Products**
Oxides of carbon.

**Possible Hazardous Reactions**
None known.

### 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

**Eye Contact**
May cause irritation, redness.

**Skin Contact**
May cause irritation with prolonged or repeated exposure.

**Inhalation**
May cause dizziness, coughing, shortness of breath, intoxication with excessive or prolonged exposure.

**Ingestion**
Swallowing small amounts of material is not likely to cause harmful effects. Swallowing large amounts may cause material to enter lungs during swallowing or vomiting. This will result in lung inflammation with excessive or prolonged exposure.

**Acute**

**Medical condition aggravated**
May aggravate pre-existing medical conditions.

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

**Carcinogenicity**
Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, ACGIH, NTP or IARC.
12. ECOLOGICAL INFORMATION

Ecological Information
Not available.

Biodegradability
Component or components of this product are not biodegradable.

Bioaccumulation
This product is not expected to bio-accumulate.

Mobility
This product is mobile in soil.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes
Dispose of in accordance with federal, state, and local regulations.

RCRA Status
Not listed as hazardous waste under RCRA, however 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 limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity of 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
Proper Shipping Name: Aerosols, Ltd. Qty.
Hazard Class/Division: 2.2
Un/NA Number: UN 1950
Packaging Group: No information available

IATA
Proper Shipping Name: Aerosols, Ltd. Qty.
Hazard Class/Division: 2.2
UN/NA Number: UN 1950

IMDG
Proper Shipping Name: Aerosols, Ltd. Qty.
Hazard Class/Division: 2.2
UN/NA Number: UN 1950
Environmental Hazards Water: No
15. REGULATORY INFORMATION

International Regulations
All components are listed.

TSCA Status
All chemicals are listed or exempt.

CERCLA
None known.

SARA 311/312 Hazard Categories
None known.

SARA 313 Reportable Ingredients
None known.

State Regulations
California Proposition 65: None.

16. OTHER INFORMATION

NFPA

<table>
<thead>
<tr>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Reactivity</th>
<th>Special Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>3</td>
<td>0</td>
<td>None</td>
</tr>
</tbody>
</table>

HMIS

<table>
<thead>
<tr>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Physical Hazards</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>3</td>
<td>1</td>
<td>B</td>
</tr>
</tbody>
</table>

Issue Date: 18-Dec-2013
Revision Date: 18-Sep-2015
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