1. IDENTIFICATION

Product Identifier
Product Name: United 12 Reflecting Car Shampoo Concentrate

Other means of identification
SDS #: UNITED-12

Recommended use of the chemical and restrictions on use
Recommended Use: Car Shampoo Concentrate.

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

Appearance: Clear, blue, syrupy liquid
Physical State: Liquid
Odor: Sweet

Classification:
This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohol Ethoxylate</td>
<td>68439-46-3</td>
<td>0-5</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: Immediately flush with plenty of water for at least 15 minutes while holding eyelids open. Call a physician or Poison Control Center.

Skin Contact: Wash with soap and plenty of water for at least 5 minutes. If irritation persists, call a physician or poison control center.
Inhalation
Remove to fresh air. If irritation persists, call a physician or poison control center.

Ingestion
Do not induce vomiting. If conscious give 2 glasses of water to dilute. Never give anything by mouth to an unconscious person. Get medical attention immediately.

**Most important symptoms and effects**

**Symptoms**
May cause eye irritation. Prolonged or repeated exposure may cause skin irritation. Mists from this product may irritate nasal passages. May cause nausea, upset stomach and vomiting.

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician**
Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**
Dry chemical, foam, water mist or fog.

**Unsuitable Extinguishing Media**
Not determined

**Specific Hazards Arising from the Chemical**
Not determined

**Hazardous Combustion Products**
When strongly heated, as in a fire; this product may produce nitrous oxides and ammonia vapors.

**Protective equipment and precautions for firefighters**
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Keep containers cool and vapors down with water spray.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions**
Use personal protective equipment as required.

**Environmental Precautions**
See Section 12 for additional Ecological Information.

**Methods and material for containment and cleaning up**

**Methods for Containment**
Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up**
Small spills: Spills up to one gallon may be diluted with plenty of water and flushed to sewage drain. Rinse area thoroughly. Large spills: Mop up or otherwise absorb with an inert material and place in an appropriate waste disposal containers for disposal. Rinse area thoroughly.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on Safe Handling**
Wear protective gloves/protective clothing and eye/face protection. After handling, always wash hands thoroughly with soap and water. Avoid contact with skin and eyes.

**Conditions for safe storage, including any incompatibilities**
**Storage Conditions**
Keep this product in a properly labeled, tightly closed container. Avoid freezing due to container may split or rupture.

**Incompatible Materials**
Strong oxidizing agents such as bleach.

---

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Caustic Soda</td>
<td>Ceiling: 2 mg/m³</td>
<td>TWA: 2 mg/m³ (vacated)</td>
<td>IDLH: 10 mg/m³ Ceiling: 2 mg/m³</td>
</tr>
</tbody>
</table>

**Appropriate engineering controls**

**Engineering Controls**
Ventilation not required. Misting operations may require adequate ventilation. Readily accessible eyewash stations and safety showers.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection**
Safety glasses with side shields or safety goggles are recommended.

**Skin and Body Protection**
Impervious gloves are recommended. Long sleeve shirt and long pants.

**Respiratory Protection**
Normally not required. IF TLV is exceeded, use a NIOSH/MSHA approved respirator.

**General Hygiene Considerations**
Handle in accordance with good industrial hygiene and safety practice.

---

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Liquid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Clear, blue, syrupy liquid</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>Blue</td>
<td>Odor</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>6.0-8.0</td>
<td></td>
</tr>
<tr>
<td>Melting Point/Freezing Point</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Boiling Point/Boiling Range</td>
<td>100 °C / 212 °F</td>
<td>Pensky-Martens Closed Cup (PMCC) (Water = 1)</td>
</tr>
<tr>
<td>Flash Point</td>
<td>&gt; 93 °C / 200 °F</td>
<td></td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Flammability (Solid, Gas)</td>
<td>Liquid-Not applicable</td>
<td></td>
</tr>
<tr>
<td>Upper Flammability Limits</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Lower Flammability Limit</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.05</td>
<td>(Water = 1)</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Slightly soluble</td>
<td></td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Partition Coefficient</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Kinematic Viscosity</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Dynamic Viscosity</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Explosive Properties</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>VOC Content</td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>
10. STABILITY AND REACTIVITY

**Reactivity**
Not reactive under normal conditions.

**Chemical Stability**
Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**
Under normal conditions of storage and use, hazardous polymerization will not occur.

**Conditions to Avoid**
Keep out of reach of children.

**Incompatible Materials**
Strong oxidizing agents such as bleach.

**Hazardous Decomposition Products**
When strongly heated, as in a fire, this product may produce nitrous oxides and ammoniacal vapors.

11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

**Product Information**

**Eye Contact**
Avoid contact with eyes.

**Skin Contact**
Avoid contact with skin.

**Inhalation**
Do not inhale.

**Ingestion**
Do not ingest.

**Component Information**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50 (mg/kg)</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium xylene sulfonate</td>
<td>1300-72-7</td>
<td>= 1000 (Rat)</td>
<td>-</td>
</tr>
<tr>
<td>Alcohol Ethoxylate</td>
<td>68439-46-3</td>
<td>= 1400 (Rat) = 1378 (Rat)</td>
<td>&gt; 2 (Rabbit)</td>
</tr>
<tr>
<td>Sodium Sulfate</td>
<td>7757-82-6</td>
<td>&gt; 10000 (Rat)</td>
<td>-</td>
</tr>
<tr>
<td>Caustic Soda</td>
<td>1310-73-2</td>
<td>-</td>
<td>= 1350 (Rabbit)</td>
</tr>
</tbody>
</table>

**Information on physical, chemical and toxicological effects**

**Symptoms**
Please see section 4 of this SDS for symptoms.

**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, IARC or NTP.

**Numerical measures of toxicity**
Not determined
12. ECOLOGICAL INFORMATION

Ecotoxicity
Not determined

Persistence/Degradability
Not determined

Bioaccumulation
Not determined

Mobility
Not determined

Other Adverse Effects
Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

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

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

California Hazardous Waste Status

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Hazardous Waste Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Caustic Soda</td>
<td>Toxic</td>
</tr>
<tr>
<td>1310-73-2</td>
<td>Corrosive</td>
</tr>
</tbody>
</table>

14. TRANSPORT INFORMATION

DOT
Not regulated

IATA
Not regulated

IMDG
Not regulated

15. REGULATORY INFORMATION

International Inventories

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>TSCA</th>
<th>DSL</th>
<th>NDSL</th>
<th>EINECS</th>
<th>ELINCS</th>
<th>ENCS</th>
<th>IECSC</th>
<th>KECL</th>
<th>PICCS</th>
<th>AICS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohol Ethoxylate</td>
<td>Present</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Legend:

- **TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
- **DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List
- **EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- **ENCS** - Japan Existing and New Chemical Substances
- **IECSC** - China Inventory of Existing Chemical Substances
- **KECL** - Korean Existing and Evaluated Chemical Substances
- **PICCS** - Philippines Inventory of Chemicals and Chemical Substances
- **AICS** - Australian Inventory of Chemical Substances
US Federal Regulations

CERCLA

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Hazardous Substances RQs</th>
<th>CERCLA/SARA RQ</th>
<th>Reportable Quantity (RQ)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Caustic Soda</td>
<td>1000 lb</td>
<td></td>
<td>RQ 1000 lb final RQ</td>
</tr>
<tr>
<td>1310-73-2</td>
<td></td>
<td></td>
<td>RQ 454 kg final RQ</td>
</tr>
</tbody>
</table>

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

CWA (Clean Water Act)

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CWA - Reportable Quantities</th>
<th>CWA - Toxic Pollutants</th>
<th>CWA - Priority Pollutants</th>
<th>CWA - Hazardous Substances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Caustic Soda</td>
<td>1000 lb</td>
<td></td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

US State Regulations

California Proposition 65
This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Sulfate</td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>7757-82-6</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Caustic Soda</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>1310-73-2</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

16. OTHER INFORMATION

NFPA
<table>
<thead>
<tr>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Special Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</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>0</td>
<td></td>
<td>B</td>
</tr>
</tbody>
</table>

Issue Date: 19-Apr-2012
Revision Date: 23-Mar-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