1. IDENTIFICATION

Product Identifier
Product Name United 428 SHEENEX

Other means of identification
SDS # UNITED-428

Recommended use of the chemical and restrictions on use.
Recommended Use METAL POLISHING SCRUBS
Uses Advised Against For institutional and industrial 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

Appearance White
Physical State Liquid
Odor Ammonia

Classifications
This chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012.

<table>
<thead>
<tr>
<th>Hazard Classification</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin Corrosion/Irritation</td>
<td>Category 2</td>
</tr>
<tr>
<td>Serious Eye Damage/Eye Irritant</td>
<td>Category 2A</td>
</tr>
<tr>
<td>Skin Sensitization</td>
<td>Category 1</td>
</tr>
<tr>
<td>Aspiration Toxicity</td>
<td>Category 1</td>
</tr>
</tbody>
</table>

Signal Word Danger

Hazard Statements
Causes skin irritation.
Causes serious eye irritation.
May cause an allergic skin reaction.
May be fatal if swallowed and entered airways.
Precautionary Statements

Prevention
Wash face, hands and any exposed skin thoroughly after handling.
Avoid breathing dust/fume/gas/mist/vapors/sprays.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.

General Advice
None

Eyes
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 advice/attention.

Skin
IF ON SKIN: Wash with plenty of soap and water.
Take off contaminated clothing and wash before reuse.
If skin irritation or rash occurs: Get medical advice/attention.

Ingestion
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
Do NOT induce vomiting.

Storage
Store according to local rules and regulations.

Disposal
Dispose of contents/container to approved waste disposal plant.

Hazard Not Otherwise Classified (HNOC)
Not applicable

Other information
Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isoparaffinic Hydrocarbon</td>
<td>64742-47-8</td>
<td>10-30</td>
</tr>
<tr>
<td>Aluminum oxide</td>
<td>1344-28-1</td>
<td>10-30</td>
</tr>
<tr>
<td>Naphtha(petroleum), hydrotreated heavy</td>
<td>64742-48-9</td>
<td>1-5</td>
</tr>
<tr>
<td>Ammonia</td>
<td>7664-41-7</td>
<td>1-5</td>
</tr>
<tr>
<td>Sulfamic acid</td>
<td>5329-14-6</td>
<td>1-5</td>
</tr>
<tr>
<td>Hexahydro- 1,3,5-tris(2-hydroxyethyl)-S-triazine</td>
<td>4719-04-4</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  Rinse immediately rinse with plenty of water, also under eyelids, for at least 15 minutes. If irritation persists, call a physician.

Skin Contact  Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. In the case of skin irritation or allergic reactions see a physician.

Inhalation  Move to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician.

Ingestion  Not an expected route of exposure. If swallowed: clean mouth with water and afterwards drink plenty of water. Do NOT induce vomiting. Aspiration hazard if swallowed – can enter lungs and cause damage.

Most important symptoms and effects

No Symptoms  No information available.

Indication of any immediate medical attention and special treatment needed

Notes to Physician  Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Carbon dioxide (CO₂). Dry chemical. Water fog. Foam.

Unsuitable Extinguishing Media  None

Specific Hazards Arising from the Chemical
No information available.


Protective equipment and precautions for firefighters
Use water spray to cool surrounding containers. Wear self contained breathing apparatus for firefighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions  Use personal protective equipment as required.

Environmental Precautions  Prevent entry into waterways, sewers, basements or confined areas. Avoid release to the environment. 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: Wipe up with absorbent material. Large spills: Use a non-combustible material like vermiculite, sand or earth to soak up the product and place in container for later disposal.

7. HANDLING AND STORAGE
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>Aluminum oxide 1344-28-1</td>
<td>TWA: 1mg/m³ respirable fraction</td>
<td>TWA: 5 mg/m³ total dust</td>
<td>IDLH: 300 ppm</td>
</tr>
<tr>
<td>Ammonia 7664-41-7</td>
<td>STEL: 35 ppm TWA: 25 ppm</td>
<td>TWA: 50 ppm TWA: 35mg/m³ (vacated) STEL: 35 ppm (vacated) STEL: 27 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Tall oil fatty acids 61790-12-3</td>
<td>5 mg/m³ resp</td>
<td>5 mg/m³ resp</td>
<td>5 mg/m³ resp</td>
</tr>
</tbody>
</table>

Appropriate engineering controls

Engineering Controls
- Showers
- Eyewash stations
- Ventilation systems

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
- No protective equipment is needed under normal conditions.

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>Value(s)</th>
<th>Remarks &amp; Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Liquid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>White liquid</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>White</td>
<td>Odor: Ammonia</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>9.0</td>
<td></td>
</tr>
<tr>
<td>Melting Point/Freezing Point</td>
<td>Not determined</td>
<td></td>
</tr>
</tbody>
</table>
### Boiling Point/Boiling Range
212°F

### Flash Point
None to boiling

### Evaporation Rate
Not determined

### Flammability (Solid, Gas)
Liquid-Not applicable

### Upper Flammability Limits
Not determined

### Lower Flammability Limit
Not determined

### Vapor Pressure
Not determined

### Specific Gravity
1.091

### Water Solubility
Slightly soluble

### Solubility in other solvents
Not determined

### Partition Coefficient
Not determined

### Auto-ignition Temperature
Not determined

### Decomposition Temperature
Not determined

### Viscosity
400 cps

### Explosive Properties
Not determined

### Oxidizing Properties
Not determined

### VOC Content
3%

## 10. STABILITY AND REACTIVITY

### Reactivity
No data available.

### Chemical Stability
Stable under recommended storage conditions.

### Possibility of Hazardous Reactions
None under normal processing.

### Conditions to Avoid
Keep out of reach of children. Incompatible products.

### Incompatible Materials

### Hazardous Decomposition Products

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

**Eye Contact**
Avoid contact with eyes. May cause irritation.

**Skin Contact**
Avoid contact with skin. Causes eye irritation.

**Inhalation**
Do not inhale. May cause irritation of respiratory tract.

**Ingestion**
Not an expected route of exposure. Potential for aspiration if swallowed. May be fatal if swallowed and enters airways.

#### Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isoparaffinic hydrocarbon</td>
<td>&gt; 5000 mg/kg (Rat)</td>
<td>&gt; 2000 mg/kg (Rabbit)</td>
<td>&gt; 5.2 mg/L (Rat) 4h</td>
</tr>
<tr>
<td>Aluminum oxide</td>
<td>&gt; 5000 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
Naphtha (petroleum), Hydrotreated heavy  
Ammonia  
Sulfamic acid

<table>
<thead>
<tr>
<th>Substance</th>
<th>Rat (mg/kg)</th>
<th>Rabbit (mg/kg)</th>
<th>Rat (mg/L) 1 h</th>
<th>Rat (ppm) 4 h</th>
</tr>
</thead>
<tbody>
<tr>
<td>Naphtha (petroleum), Hydrotreated heavy</td>
<td>&gt; 5000</td>
<td>&gt; 3160</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Ammonia</td>
<td>350</td>
<td>-</td>
<td>5.1</td>
<td>2000</td>
</tr>
<tr>
<td>Sulfamic acid</td>
<td>1450</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

### Information on physical, chemical and toxicological effects

#### Symptoms
No information available.

#### 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

The following values are calculated based on the chapter 3.1 of the GHS document:

<table>
<thead>
<tr>
<th>Route</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 Oral</td>
<td>8691 mg/kg</td>
</tr>
<tr>
<td>Inhalation dust/mist</td>
<td>14.3 mg/L</td>
</tr>
</tbody>
</table>

### 12. ECOLOGICAL INFORMATION

#### Ecotoxicity
Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

#### Persistence/Degradability
No information available.

#### Bioaccumulation
No information available.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonia</td>
<td>-1.14</td>
</tr>
</tbody>
</table>

### 13. DISPOSAL CONSIDERATIONS

#### Waste Treatment Methods

**Disposal of Wastes**
This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). 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.

### 14. TRANSPORT INFORMATION

**DOT**
Not regulated

**IATA**
Not regulated

**IMDG**
Not regulated
15. REGULATORY INFORMATION

International Inventories

Legend:
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations
Section 313 Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act of Title 40 of the Code of Federal Regulations, Part 372:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %</th>
<th>SARA 313 – Threshold Values %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonia</td>
<td>7664-41-7</td>
<td>1-5</td>
<td>1.0</td>
</tr>
</tbody>
</table>

SARA 311/313 Hazard Categories
Acute Health Hazard  Yes
Chronic Health Hazard No
Fire Hazard          No
Sudden Release of Pressure Hazard No
Reactive Hazard      No

CERCLA

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Hazardous Substances RQs</th>
<th>Extremely Hazardous Substances RQ</th>
<th>Reportable Quantity (RQ)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonia</td>
<td>100 lb</td>
<td>100 lb</td>
<td>RQ 100 lb final RQ</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>RQ 45.4 kg final RQ</td>
</tr>
</tbody>
</table>

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>Ammonia</td>
<td>100 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>
<th>Illinois</th>
<th>Rhode Island</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum Oxide</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Ammonia</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Sulfamic Acid</td>
<td>X</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Special Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td></td>
<td>0</td>
<td>0</td>
<td>-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Physical Hazards</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td></td>
<td>0</td>
<td>0</td>
<td>B</td>
</tr>
</tbody>
</table>

Issue Date: 11-Jun-2013
Revision Date: 28-May-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