1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier
Product Name United 375 T.S.R.

Other means of identification
SDS # UNITED-375
UN/ID No UN3266

Recommended use of the chemical and restrictions on use
Recommended Use Total Surface Renovator.
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

Appearance Clear blue liquid
Physical State Liquid
Odor Mild, sweet odor

Classification
Skin corrosion/irritation Category 1
Serious eye damage/eye irritation Category 1
Skin sensitization Category 1

Hazards Not Otherwise Classified (HNOC)
May be harmful if swallowed.

Signal Word
Danger

Hazard Statements
Causes severe skin burns and eye damage. May cause an allergic skin reaction.
Precautionary Statements - Prevention
Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Contaminated work clothing should not be allowed out of the workplace.

Precautionary Statements - Response
Immediately call a poison center or doctor/physician. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician. If on skin (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention. If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician. If swallowed: Rinse mouth. Do not induce vomiting.

Precautionary Statements - Storage
Store locked up.

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant.

Unknown Acute Toxicity
2.43% of the mixture consists of ingredient(s) of unknown toxicity.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylene Glycol Monobutyl Ether</td>
<td>111-76-2</td>
<td>1-10</td>
</tr>
<tr>
<td>Tetrapotassium pyrophosphate</td>
<td>7320-34-5</td>
<td>1-10</td>
</tr>
<tr>
<td>Sodium xylenesulfonate</td>
<td>1300-72-7</td>
<td>1-10</td>
</tr>
<tr>
<td>Sodium metasilicate</td>
<td>6834-92-0</td>
<td>1-10</td>
</tr>
<tr>
<td>Sodium sulfate</td>
<td>7757-82-6</td>
<td>&lt;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

<table>
<thead>
<tr>
<th>General Advice</th>
<th>Eye Contact</th>
<th>Skin Contact</th>
<th>Inhalation</th>
<th>Ingestion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Immediately call a poison center or doctor/physician.</td>
<td>Flush with plenty of tepid water for at least 15 minutes while holding eyelids open. Call a physician or poison control center immediately.</td>
<td>Remove contaminated clothing. Wash with soap and water. If irritation persists, call a physician or poison control center.</td>
<td>Remove patient to fresh air. Apply CPR if needed. Immediately call a poison center or doctor/physician.</td>
<td>Rinse mouth. Do not induce vomiting. Call a physician or poison control center immediately.</td>
</tr>
</tbody>
</table>

Most important symptoms and effects
Symptoms
May be harmful if swallowed. Causes severe skin burns and eye damage. May cause an allergic skin reaction.

Indication of any immediate medical attention and special treatment needed

Notes to Physician
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

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

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 carbon dioxide, carbon monoxide and oxides of phosphorous.

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. Containers should be cooled with water spray or fog.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions
Use personal protective equipment as required.

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: If this material is released or spilled, flush up to one gallon with water to the nearest sewer drain.

Large spills: Wear appropriate protective equipment. Provided adequate ventilation. Dike spill and collect on suitable absorbent material. Place in corrosion resistant container for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling
Handle in accordance with good industrial hygiene and safety practice. Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands, and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing and eye/face protection. Contaminated work clothing should not be allowed out of the workplace. Use with adequate ventilation. Avoid contact with skin and eyes.

Conditions for safe storage, including any incompatibilities

Storage Conditions
Store locked up. Keep in a properly labeled, tightly closed container and store in a cool, dry well-ventilated area. Store away from incompatible materials. Do not let containers freeze as they may split or rupture.

Incompatible Materials
Do not mix this product with other cleaning materials, especially acids or 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>Ethylene Glycol Monobutyl Ether 111-76-2</td>
<td>TWA: 20 ppm</td>
<td>TWA: 50 ppm TWA: 240 mg/m³ (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m³ (vacated) S*</td>
<td>IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m³</td>
</tr>
<tr>
<td>Sodium metasilicate 6834-92-0</td>
<td>2 mg/m³</td>
<td>2 mg/m³</td>
<td>-</td>
</tr>
<tr>
<td>Hydrogen Peroxide 7722-84-1</td>
<td>TWA: 1 ppm</td>
<td>TWA: 1 ppm TWA: 1.4 mg/m³ (vacated) TWA: 1 ppm (vacated) TWA: 1.4 mg/m³</td>
<td>IDLH: 75 ppm TWA: 1 ppm TWA: 1.4 mg/m³</td>
</tr>
<tr>
<td>Formic acid 64-18-6</td>
<td>STEL: 10 ppm TWA: 5 ppm</td>
<td>TWA: 5 ppm TWA: 9 mg/m³ (vacated) TWA: 5 ppm (vacated) TWA: 9 mg/m³</td>
<td>IDLH: 30 ppm TWA: 5 ppm TWA: 9 mg/m³</td>
</tr>
</tbody>
</table>

**Appropriate engineering controls**

**Engineering Controls**
Provide adequate ventilation. Local exhaust is generally adequate.

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

**Eye/Face Protection**
Chemical safety goggles are recommended.

**Skin and Body Protection**
Chemical resistant gloves are recommended. Shirts with long sleeves are suggested.

**Respiratory Protection**
None needed for proper use in accordance with label directions. If ventilation is not adequate to reduce vapors below TLV levels, use a NIOSH/MSHA approved self-contained breathing apparatus.

**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 liquid</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>Clear blue</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Mild, sweet odor</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>13-14</td>
<td></td>
</tr>
<tr>
<td>Melting Point/Freezing Point</td>
<td>No information available.</td>
<td></td>
</tr>
<tr>
<td>Boiling Point/Boiling Range</td>
<td>100 °C / 212 °F</td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>&gt;93 °C / &gt;200 °F</td>
<td>Tag Closed Cup</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>~1.0</td>
<td></td>
</tr>
<tr>
<td>Flammability (Solid, Gas)</td>
<td>Liquid- Not applicable</td>
<td></td>
</tr>
</tbody>
</table>
Upper Flammability Limits  No information available.
Lower Flammability Limit  No information available.
Vapor Pressure  ~17.5 mm Hg  @ 77°F (25°C)
Vapor Density  No information available.
Specific Gravity  1.065  (Water = 1)
Water Solubility  Completely soluble
Solubility in other solvents  No information available.
Partition Coefficient  No information available.
Auto-ignition Temperature  No information available.
Decomposition Temperature  No information available.
Kinematic Viscosity  No information available.
Dynamic Viscosity  No information available.
Explosive Properties  No information available.
Oxidizing Properties  No information available.
VOC Content  0.795 pounds per gallon of product.

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
Incompatible Materials.

Incompatible Materials
Do not mix this product with other cleaning materials, especially acids or strong oxidizing agents such as bleach.

Hazardous Decomposition Products
When strongly heated, as in a fire, this product may produce oxides of carbon and phosphorus.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact  Causes severe eye damage.
Skin Contact  Causes severe skin burns.
Inhalation  Do not inhale.
Ingestion  May be harmful if swallowed.

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>Ethylene Glycol Monobutyl Ether 111-76-2</td>
<td>470 mg/kg (Rat)</td>
<td>2270 mg/kg (Rat)</td>
<td>2.21 mg/L (Rat) 4 h</td>
</tr>
<tr>
<td>Tetrapotassium pyrophosphate 7320-34-5</td>
<td>-</td>
<td>&gt; 4640 mg/kg (Rabbit)</td>
<td>-</td>
</tr>
<tr>
<td>Sodium xylenesulfonate 1300-72-7</td>
<td>7200 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Chemical Name</td>
<td>ACGIH</td>
<td>IARC</td>
<td>NTP</td>
</tr>
<tr>
<td>-----------------------</td>
<td>--------</td>
<td>-------</td>
<td>------</td>
</tr>
<tr>
<td>Ethylene Glycol Monoethyl Ether 111-76-2</td>
<td>A3</td>
<td>Group 3</td>
<td></td>
</tr>
</tbody>
</table>

**Legend**
- ACGIH (American Conference of Governmental Industrial Hygienists)
- A3 - Animal Carcinogen
- IARC (International Agency for Research on Cancer)
- Group 3 IARC components are "not classifiable as human carcinogens"

**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**

- **Skin corrosion/irritation**
  Causes severe skin burns.

- **Serious eye damage/eye irritation**
  Causes severe eye damage.

- **Sensitization**
  May cause an allergic skin reaction.

- **Carcinogenicity**
  Group 3 IARC components are "not classifiable as human carcinogens".

**Numerical measures of toxicity**
No information available.

**Unknown Acute Toxicity**
2.43% of the mixture consists of ingredient(s) of unknown toxicity.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**
No information available.

**Persistence/Degradability**
No information available.

**Bioaccumulation**
No information available.

**Mobility**
No information available.

**Other Adverse Effects**
No information available.
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.

US EPA Waste Number

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>RCRA</th>
<th>RCRA - Basis for Listing</th>
<th>RCRA - D Series Wastes</th>
<th>RCRA - U Series Wastes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Formic acid</td>
<td>U123</td>
<td>Included in waste streams:</td>
<td>K009, K010</td>
<td>U123</td>
</tr>
<tr>
<td>64-18-6</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

14. TRANSPORT INFORMATION

Note
Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances. Per the DOT in 49CFR 173.154 for corrosive in packing group III in 1 gallon bottles not over 5 liters it can be renamed Consumer commodity ORM-D until December 31, 2020 shipping.

DOT

<table>
<thead>
<tr>
<th>UN/ID No</th>
<th>Proper Shipping Name</th>
<th>Hazard Class</th>
<th>Packing Group</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN3266</td>
<td>Corrosive liquid, basic, inorganic, n.o.s. (Tetrapotassium phosphate, ethylene glycol monobutyl ether)</td>
<td>8</td>
<td>III</td>
</tr>
</tbody>
</table>

IATA

<table>
<thead>
<tr>
<th>UN/ID No</th>
<th>Proper Shipping Name</th>
<th>Hazard Class</th>
<th>Packing Group</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN3266</td>
<td>Corrosive liquid, basic, inorganic, n.o.s. (Tetrapotassium phosphate, ethylene glycol monobutyl ether)</td>
<td>8</td>
<td>III</td>
</tr>
</tbody>
</table>

IMDG

<table>
<thead>
<tr>
<th>UN/ID No</th>
<th>Proper Shipping Name</th>
<th>Hazard Class</th>
<th>Packing Group</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN3266</td>
<td>Corrosive liquid, basic, inorganic, n.o.s. (Tetrapotassium phosphate, ethylene glycol monobutyl ether)</td>
<td>8</td>
<td>III</td>
</tr>
</tbody>
</table>

15. REGULATORY INFORMATION

International Inventories

TSCA
Listed

Legend:
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

US Federal Regulations

SARA 313
### Chemical Name | CAS No | Weight-% | SARA 313 - Threshold Values %
--- | --- | --- | ---
Ethylene Glycol Monobutyl Ether - 111-76-2 | 111-76-2 | 1-10 | 1.0
Nitrilotriacetic acid - 139-13-9 | 139-13-9 | <1 | 0.1
Formic acid - 64-18-6 | 64-18-6 | <1 | 1.0

### US State Regulations

#### California Proposition 65
This product contains the following Proposition 65 chemicals.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Proposition 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nitrilotriacetic acid - 139-13-9</td>
<td>Carcinogen</td>
</tr>
</tbody>
</table>

#### 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>Ethylene Glycol Monobutyl Ether 111-76-2</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Sodium sulfate 7757-82-6</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Hydrogen Peroxide 7722-84-1</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Nitrilotriacetic acid 139-13-9</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Formic acid 64-18-6</td>
<td>X</td>
<td>X</td>
<td>X</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></td>
<td>No information available</td>
<td>No information available</td>
<td>No information available</td>
<td>No information available</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></td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>N+P</td>
</tr>
</tbody>
</table>

**Issue Date:** 04-Sep-2014  
**Revision Date:** 0-Jan-2016  
**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**