

Issue Date: 04-Sep-2014

Revision Date: 06-Jan-2016

Version 2

## 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**

<b>Chemical Name</b>	<b>CAS No</b>	<b>Weight-%</b>
Ethylene Glycol Monobutyl Ether	111-76-2	1-10
Tetrapotassium pyrophosphate	7320-34-5	1-10
Sodium xylenesulfonate	1300-72-7	1-10
Sodium metasilicate	6834-92-0	1-10
Sodium sulfate	7757-82-6	<1

\*\*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**

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

### **Most important symptoms and effects**

<b>Symptoms</b>	May be harmful if swallowed. Causes severe skin burns and eye damage. May cause an allergic skin reaction.
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**Indication of any immediate medical attention and special treatment needed**

<b>Notes to Physician</b>	Treat symptomatically.
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**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**Water. Foam. Carbon dioxide (CO<sub>2</sub>). 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**

<b>Personal Precautions</b>	Use personal protective equipment as required.
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**Methods and material for containment and cleaning up**

<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so.
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<b>Methods for Clean-Up</b>	<p>Small spills: If this material is released or spilled, flush up to one gallon with water to the nearest sewer drain.</p> <p>Large spills: Wear appropriate protective equipment. Provided adequate ventilation. Dike spill and collect on suitable absorbent material. Place in corrosion resistant container for disposal.</p>
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**7. HANDLING AND STORAGE****Precautions for safe handling**

<b>Advice on Safe Handling</b>	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.
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**Conditions for safe storage, including any incompatibilities**

<b>Storage Conditions</b>	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.
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<b>Incompatible Materials</b>	Do not mix this product with other cleaning materials, especially acids or strong oxidizing agents such as bleach.
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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethylene Glycol Monobutyl Ether 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m <sup>3</sup> (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m <sup>3</sup> (vacated) S* S*	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m <sup>3</sup>
Sodium metasilicate 6834-92-0	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>	-
Hydrogen Peroxide 7722-84-1	TWA: 1 ppm	TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup> (vacated) TWA: 1 ppm (vacated) TWA: 1.4 mg/m <sup>3</sup>	IDLH: 75 ppm TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup>
Formic acid 64-18-6	STEL: 10 ppm TWA: 5 ppm	TWA: 5 ppm TWA: 9 mg/m <sup>3</sup> (vacated) TWA: 5 ppm (vacated) TWA: 9 mg/m <sup>3</sup>	IDLH: 30 ppm TWA: 5 ppm TWA: 9 mg/m <sup>3</sup>

**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**

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

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	13-14	
Melting Point/Freezing Point	No information available.	
Boiling Point/Boiling Range	100 °C / 212 °F	
Flash Point	>93 °C / >200 °F	Tag Closed Cup
Evaporation Rate	~1.0	
Flammability (Solid, Gas)	Liquid- Not applicable	

<b>Upper Flammability Limits</b>	No information available.	
<b>Lower Flammability Limit</b>	No information available.	
<b>Vapor Pressure</b>	~17.5 mm Hg	@ 77°F (25°C)
<b>Vapor Density</b>	No information available.	
<b>Specific Gravity</b>	1.065	(Water = 1)
<b>Water Solubility</b>	Completely soluble	
<b>Solubility in other solvents</b>	No information available.	
<b>Partition Coefficient</b>	No information available.	
<b>Auto-ignition Temperature</b>	No information available.	
<b>Decomposition Temperature</b>	No information available.	
<b>Kinematic Viscosity</b>	No information available.	
<b>Dynamic Viscosity</b>	No information available.	
<b>Explosive Properties</b>	No information available.	
<b>Oxidizing Properties</b>	No information available.	
<b>VOC Content</b>	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**

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

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Ethylene Glycol Monobutyl Ether 111-76-2	470 mg/kg ( Rat )	2270 mg/kg (Rat) 220 mg/kg (Rabbit)	2.21 mg/L (Rat) 4 h 450 ppm (Rat) 4 h
Tetrapotassium pyrophosphate 7320-34-5	-	> 4640 mg/kg ( Rabbit )	-
Sodium xylenesulfonate 1300-72-7	7200 mg/kg ( Rat )	-	-

Sodium metasilicate 6834-92-0	600 mg/kg ( Rat )	-	-
Alcohol Ethoxylate 68439-46-3	1378 mg/kg ( Rat )	> 2 g/kg ( Rabbit )	-
Tetrasodium EDTA 64-02-8	10 g/kg ( Rat )	-	-
Sodium sulfate 7757-82-6	> 10000 mg/kg ( Rat )	-	-
Hydrogen Peroxide 7722-84-1	801 mg/kg ( Rat )	2000 mg/kg ( Rabbit )	2 g/m <sup>3</sup> ( Rat ) 4 h
Nitriiotriacetic acid 139-13-9	1100 mg/kg ( Rat )	-	-
Formic acid 64-18-6	730 mg/kg ( Rat )	-	-

**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".

Chemical Name	ACGIH	IARC	NTP	OSHA
Ethylene Glycol Monobutyl Ether 111-76-2	A3	Group 3		

**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"

**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**

Chemical Name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Formic acid 64-18-6	U123	Included in waste streams: K009, K010		U123

**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**

- UN/ID No** UN3266
- Proper Shipping Name** Corrosive liquid, basic, inorganic, n.o.s. (Tetrapotassium phosphate, ethylene glycol monobutyl ether)
- Hazard Class** 8
- Packing Group** III

**IATA**

- UN/ID No** UN3266
- Proper Shipping Name** Corrosive liquid, basic, inorganic, n.o.s. (Tetrapotassium phosphate, ethylene glycol monobutyl ether)
- Hazard Class** 8
- Packing Group** III

**IMDG**

- UN/ID No** UN3266
- Proper Shipping Name** Corrosive liquid, basic, inorganic, n.o.s. (Tetrapotassium phosphate, ethylene glycol monobutyl ether)
- Hazard Class** 8
- Packing Group** III

**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.

Chemical Name	California Proposition 65
Nitrilotriacetic acid - 139-13-9	Carcinogen

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Ethylene Glycol Monobutyl Ether 111-76-2	X	X	X
Sodium sulfate 7757-82-6		X	X
Hydrogen Peroxide 7722-84-1	X	X	X
Nitrilotriacetic acid 139-13-9	X	X	X
Formic acid 64-18-6	X	X	X

**16. OTHER INFORMATION****NFPA****Health Hazards**

No information available

**Flammability**

No information available

**Instability**

No information available

**Special Hazards**

No information available

**HMIS****Health Hazards**

2

**Flammability**

0

**Physical Hazards**

0

**Personal Protection**

N+P

**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**