



## MATERIAL SAFETY DATA SHEET

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### 1. PRODUCT AND COMPANY IDENTIFICATION

FOR MEDICAL AND TRANSPORTATION EMERGENCIES  
 24 Hour INFOTRAC (US and CANADA): **800-535-5053**

**PRODUCT NAME**  
UNITED 375 T.S.R.

**USE/DESCRIPTION**  
Total Surface Renovator

**REVISION DATE**  
March 8, 2013

### HMIS III HEALTH (0 = Maximum Safety) 2

**Always follow Label Directions and Cautions.**

* Chronic	2 Moderate
4 Severe	1 Slight
3 Serious	0 Minimal

**See Hazards Identification Section of this MSDS for more detailed information.**

### PHYSICAL HAZARD (0 = Maximum Safety) 0

**Susceptible to Release of Energy.**

4 May detonate-vacate area if materials are exposed to fire.	2 Violent chemical change possible-use hose stream from distance
3 Strong shock of heat may detonate-use monitors from behind explosion resistant barriers.	1 Unstable if heated-use precaution.
	0 Normally stable.

### FLAMMABILITY (0 = Maximum Safety) 0

**Susceptibility of Material to Burning.**

4 Extremely flammable.	1 Must be preheated
3 Ignites at normal temperature.	to burn.
2 Ignites when moderately heated.	0 Will not burn.

**PERSONAL PROTECTION: p & n**



### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS#	%Range	ACGIH (TLV-TWA)	OSHA (PEL-TWA)	LD50 (Species/Route)	LC50 (Species)
Ethylene glycol monobutyl ether	111-76-2	5-15	25 ppm skin 121 mg/m3 skin	25 ppm skin 120 mg/m3 skin	NE	NE
Sodium Metasilicate	6834-92-0	1-10	NE	NE	847 mg/kg (Rat/oral)	NE
Sodium dodecylbenzene	25155-30-0	1-10	NE	NE	NE	NE

### 3. HAZARDS IDENTIFICATION

**Eyes:** May cause severe irritation, burns and destruction of tissue.

**Skin:** May cause irritation and burns upon prolonged contact. Ethylene glycol monobutyl ether may be absorbed through intact skin in harmful amounts resulting in kidney and blood abnormalities.

**Inhalation:** May cause coughing and irritation of nose, throat and mucous membranes. Prolonged inhalation of mists may damage the upper respiratory tract and lung tissue.

**Ingestion:** May cause serious damage to the mouth, esophagus, stomach and other contacted tissues. May be fatal.

### 4. FIRST AID MEASURES

**Eyes:** Flush with plenty of tepid water for at least 15 minutes while holding eyelids open. Call a physician or poison center immediately.

**Skin:** Remove contaminated clothing. Wash with soap and water. If irritation persists, call a physician or poison center.

**Inhalation:** Remove patient to fresh air. Apply CPR if needed. If irritation persists, call a physician or poison center.

**Ingestion:** DO NOT induce vomiting. Call a physician or poison center immediately.

### 5. FIRE FIGHTING MEASURES

**Flash Point (TCC):** > 200°F/> 93°C

**Explosive Limits:** Lower (LEL): NA      Upper (UEL): NA

**Flame Projection (Aerosol):** N/A

**Hazardous Products of Combustion:** When ignited or strongly heated, as in a fire, this product may produce carbon dioxide, carbon monoxide and oxides of phosphorous.

**Fire and Explosion Hazards:** None known.

**Extinguishing Media:** Water, Dry foam, Carbon dioxide, Dry chemical.

**Fire Fighting Instructions:** Wear self-contained breathing apparatus w/full protective clothing. Containers should be cooled with water spray or fog.

## 6. ACCIDENTAL RELEASE MEASURES

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

**Large Spills:** For larger quantities, wear appropriate protective equipment. Provide adequate ventilation. Dike spill and collect on suitable absorbent. Place in corrosion resistant container for disposal.

## 7. HANDLING AND STORAGE

Keep in a properly labeled, tightly closed container and store in a cool, dry well-ventilated area. Use with adequate ventilation. Store away from incompatible materials. Avoid contact with skin and eyes. Do not let containers freeze as they may split or rupture.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eyes:** Chemical safety goggles are recommended.

**Skin:** Chemical resistant gloves are recommended.

**Respiratory:** 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.

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

**Other Protective Clothing:** Shirts with long sleeves are suggested.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** 212°F/100°C    **Specific Gravity:** 1.065 (H<sub>2</sub>O=1)    **Vapor Pressure:** ~17.5 mm Hg (at 77°F/25°C)    **Melting Point:** ND  
**Vapor Density:** ND    **Evaporation Rate:** ~1.0    **Solubility in Water:** Complete    **pH:** 13-14  
**Appearance and Odor:** Clear blue liquid with mild sweet odor.

## 10. STABILITY AND REACTIVITY

**Hazardous Polymerization:** Will not occur.

**Hazardous Decomposition:** When ignited or strongly heated, as in a fire, this product may produce carbon dioxide, carbon monoxide, and oxides of phosphorous.

**Chemical Stability:** Stable

**Incompatibility:** Do not mix this product with other cleaning chemicals, especially acids or strong oxidizers (like bleach).

## 11. TOXICOLOGICAL INFORMATION

**Carcinogenicity (NTP/IARC/OSHA):** None

**California Proposition 65:** Does this product contain chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm? None

## 12. ECOLOGICAL INFORMATION

ND

## 13. DISPOSAL CONSIDERATIONS

Consult your local, state, and federal regulations for proper disposal guidelines. Disposal regulations may be different for each state and/or locality.

## 14. TRANSPORT INFORMATION

**DOT:** Available upon request

**TDG:** Available upon request

**UN:** Available upon request

## 15. REGULATORY INFORMATION

**VOC (Volatile Organic Compounds):** 0.795 pounds per gallon of product

**TSCA (Toxic Substances Control Act):** Listed

**SARA Title III Section 302 EHS:** ND

**SARA Title III Section 311/312:** ND

**SARA Title III Section 313 Toxic Chemicals:** Ethylene glycol monobutyl ether CAS # 111-76-2 - .70 pounds of reportable material per gallon of United product.

**WHMIS Classification:**

This product has been classified in accordance with the hazard criteria of the CPR (Controlled Products Regulations/ WHMIS) and the MSDS contains all the information required by the CPR.

## 16. OTHER INFORMATION

Read and follow all label directions and precautions before using this product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF REACH OF CHILDREN.

UNITED 375 T.S.R.

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