



## 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 488 SANI-STRIKE

**USE/DESCRIPTION**  
 Thickened Non-Acid Disinfectant Bowl and Bathroom Cleaner

**REVISION DATE**  
 August 20, 2008

#### HEALTH (0 = Maximum Safety) 1

Always follow Label Directions and Cautions.

4 Extreme 3 High 2 Moderate 1 Slight 0 Minimal

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

#### REACTIVITY (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) 2

Susceptibility of Material to Burning.

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

**PERSONAL PROTECTION: 0**



### 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	< 2.5	25 ppm	25 ppm	NE	NE
Tetrasodium EDTA	64-02-8	< 2.5	NE	NE	NE	NE
2-(2-Ethoxyethoxyl) Ethanol	111-90-0	<2.5	NE	NE	NE	NE

### 3. HAZARDS IDENTIFICATION

**Eyes:** Severe eye irritant. Liquid and mist may cause corneal injury.

**Skin:** Prolonged or repeated exposure may cause moderate reddening or swelling, dermatitis or local skin destruction.

**Inhalation:** Vapors may be irritating to mucous membrane of the nose, throat and lungs.

**Ingestion:** May be irritating to the mouth, throat, esophagus, and gastrointestinal system. Vomiting and diarrhea expected with large doses.

### 4. FIRST AID MEASURES

**Eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**Skin:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

**Inhalation:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration preferably mouth-to-mouth. Call a poison control center or doctor for further treatment advice.

**Ingestion:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. DO NOT induce vomiting unless instructed to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

### 5. FIRE FIGHTING MEASURES

**Flash Point (TCC):** 190°F/ 87.7°C

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

**Flame Projection (Aerosol):** NA

**Hazardous Products of Combustion:** When ignited as in a fire, this product may produce toxic vapors or gases.

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

**Extinguishing Media:** Water, Carbon dioxide, Foam, or media suitable for surrounding fire.

**Fire Fighting Instructions:** Wear self-contained breathing apparatus w/full protective clothing. Keep containers cool and vapors down with water spray.

## 6. ACCIDENTAL RELEASE MEASURES

**Small Spills:** Wear appropriate equipment. If possible contain spill and collect in a container for proper disposal. Rinse affected area thoroughly with water.

**Large Spills:** Wear appropriate equipment. If possible contain spill and collect in a container for proper disposal. Rinse affected area thoroughly with water.

## 7. HANDLING AND STORAGE

Keep this product in properly labeled, tightly closed containers. Store in cool, well-ventilated area away from sources of ignition. Avoid breathing vapor, spray or mist. After handling, always wash hands thoroughly with soap and water. Avoid contact with skin and eyes.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eyes:** Wear safety goggles.

**Skin:** Water impervious gloves (Latex, Neoprene).

**Respiratory:** Not normally required for normal use. If TLV is exceeded, use a NIOSH/MSHA approved respirator.

**Engineering Controls:** Ventilation not usually necessary but should be provided in the event of overexposure.

**Other protective Clothing:** Shirts with long sleeves are recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** 212°F/ 100°C **Specific Gravity:** 1.016 (H<sub>2</sub>O=1) **Vapor Pressure:** NE **Melting Point:** ND  
**Vapor Density:** NE **Evaporation Rate:** ~ 1 **Solubility in Water:** Complete **pH:** 11.5 – 12.5  
**Appearance and Odor:** Light blue liquid with floral scent.

## 10. STABILITY AND REACTIVITY

**Hazardous Polymerization:** Will not occur.

**Hazardous Decomposition:** When ignited as in a fire, this product produces toxic vapors or gases.

**Chemical Stability:** Stable

**Incompatibility:** Do not mix with any other chemicals or cleaning products.

## 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):** 2.10 %

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

**SARA Title III Section 302 EHS:** None

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

**SARA Title III Section 313 Toxic Chemicals:** Ethylene glycol monobutyl ether CAS # 111-76-2 (0.21)\* & 2-(2-Ethoxyethoxy) Ethanol CAS# 111-90-0 (0.21)\* \* lbs 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 488 SANI-STRIKE

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