



## 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 529 OXY ODOR ELIMINATOR

**USE/DESCRIPTION**  
 OXY Odor Eliminator for Waste Stream

**REVISION DATE**  
 August 16, 2011

#### HMIS III HEALTH (0 = Maximum Safety) 3

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) 1

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:** n & p



### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS#	%Range	ACGIH (TLV-TWA)	OSHA (PEL-TWA)	LD50 (Species/Route)	LC50 (Species)
Sodium perborate tetrahydrate	10486-00-7	60-100	NE	15 mg/m3 Total Dust	1,908 mg/kg (Rat/Oral)	NE

OSHA TWA 5 mg/m3 Respirable Dust

### 3. HAZARDS IDENTIFICATION

**Eyes:** May cause eye corrosion with corneal or conjunctival ulceration.

**Skin:** May cause irritation with discomfort or rash. Prolonged exposure can cause blistering and soouging of the skin.

**Inhalation:** Dust may cause irritation or burning to the respiratory system.

**If Swallowed:** Large amounts can cause vomiting, diarrhea of mucous and blood, lethargy, fever, fall in blood pressure, coma, kidney damage and death.

### 4. FIRST AID MEASURES

**Eyes:** Flush with water for at least 15 minutes while holding eyelids open and call a physician or poison center immediately.

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

**Inhalation:** Remove to fresh air and apply CPR if needed. Call a physician or poison center.

**If Swallowed:** DO NOT INDUCE VOMITING. Rinse mouth with water. Give 2 glasses of water to dilute. Never give anything by mouth to an unconscious person. Call a physician or poison center immediately.

### 5. FIRE FIGHTING MEASURES

**Flash Point (PMCC):** None

**Explosive Limits:** Lower (LEL): None Upper (UEL): None

**Flame Projection (Aerosol):** NA

**Hazardous Products of Combustion:** When strongly heated, as in a fire, this product may produce carbon monoxide, carbon dioxide, and unidentifiable organic materials.

**Fire and Explosion Hazards:** Decomposes with liberation of heat and oxygen which may intensify fire in combustible surroundings.

**Extinguishing Media:** Water, water fog.

**Fire Fighting Instructions:** Wear self-contained breathing apparatus w/full protective clothing. The containers should be cooled with water to prevent vapor pressure build up.

### 6. ACCIDENTAL RELEASE MEASURES

**Small Spills:** Sweep up spillage and place into drum for proper disposal. Flush remaining area with water to remove trace residue.

**Large Spills:** Sweep up spillage and place into drum for proper disposal. Flush remaining area with water to remove trace residue.

## 7. HANDLING AND STORAGE

Store in a cool, dry place. Do not store with heavy metal salts or combustible organic matter. Avoid breathing dust. Avoid contact with eyes and skin. Wash thoroughly after handling

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eyes:** Wear chemical safety goggles.

**Skin:** Wear chemical resistant gloves.

**Respiratory:** Use a dust mask when release of airborne dust is expected. If TLV is exceeded, use NIOSH approved self-contained breathing apparatus.

**Engineering Controls:** Provide mechanical local exhaust ventilation to prevent release of dust into the work area and local exhaust is generally adequate.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** NA **Specific Gravity:** 690 to 870 kg/m<sup>3</sup> (bulk density) **Vapor Pressure:** 6.2 mm Hg @ 68F(20C)

**Melting Point:** 145F/65C decomposition temperature **Vapor Density:** NA **Evaporation Rate:** NA

**Solubility in Water** 2.55 wt.% @ 59°C 3.75 wt.% @ 90°F **ph.:** 10 – 10.4 in water

**Appearance and Odor:** White crystalline powder/no odor

## 10. STABILITY AND REACTIVITY

**Hazardous Polymerization:** Will not occur.

**Hazardous Decomposition:** Can occur gradually, releasing controlled amounts of oxygen; not considered hazardous under foreseeable circumstances.

**Chemical Stability:** Stable

**Incompatibility:** Mixtures containing heavy metal salts, combustible organic matter or moisture.

## 11. TOXICOLOGICAL INFORMATION

**Carcinogenicity (NTP/IARC/OSHA):** No

**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? No

## 12. ECOLOGICAL INFORMATION

ND

## 13. DISPOSAL CONSIDERATIONS

Consult your local, state, provincial 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):** None

**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:** None

**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.