



Material Safety Data Sheet

IDENTITY

PUROLYTE™

Section I

Manufacturer's Name Truox, Inc.	Emergency Telephone Number ChemTrec 1-800-424-9300
Address 4724 Arnold Ave	Telephone Number for Information (916) 920-4051
McClellan, CA 95652	Date Prepared 11/21/06

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s)) (Hazardous Components 1% or greater, Carcinogens 0.1% or greater). Proprietary Ingredient identities are available in accordance with 29 CFR 1910.1200.	% Wt.
Proprietary Formulation	100

Section III - Physical/Chemical Characteristics

Boiling Point Not Applicable. Decomposes before melting	Specific Gravity (H ₂ O = 1) 1.1
Vapor Pressure (mm Hg) Not Applicable	Melting Point Not Applicable
Vapor Density (AIR = 1) Not Applicable	Evaporation Rate (Butyl Acetate = 1) Not Applicable
Solubility in Water 250g/l at 20°C	
Appearance and Odor Off White free flowing powder. Solid	

OXIDATION WITHOUT IRRITATION®



Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) Not Applicable	Flammable Limits Not Applicable	LEL Not Applicable	UEL Not Applicable
Extinguishing Media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide			
Special Fire Fighting Procedures Avoid high volume water jets. Cool closed containers with water spray.			
Wear self-contained breathing apparatus and protective suit Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations			
Unusual Fire and Explosion Hazards Grinding or intensive mixing may generate sufficient heat to cause ignition of oxidizable material present			

Section V - Reactivity Data

Stability Stable	Conditions to Avoid Keep away from heat and sources of ignition. Heavy metals cause evolution of oxygen gas. Certain organic materials may react violently.
Incompatibility (<i>Materials to Avoid</i>) Accelerators, strong acids and bases, heavy metal salts, reduction mediums. Avoid impurities (e.g. dust, rust, ash, moisture) risk of decomposition	
Hazardous Decomposition or Byproducts Build-up of dangerous/toxic fumes in cases of fire/high temperature	
Hazardous Polymerization Will not occur	

Section VI - Health Hazard Information

Route(s) of Entry: Skin, Inhalation, Eyes, Ingestion			
Carcinogenicity:	NTP No	IARC No	OSHA No
Health Hazards (<i>Acute and Chronic</i>) OSHA PEL: 1.0 mg/m ³ (For dust and fume). ACGIH TLV: 1.0 mg/m ³			
Signs and Symptoms of Exposure Irritant to eyes, skin and respiratory system. Contact with eyes causes redness, irritation. Contact with skin causes irritation, redness Inhalation of dust may cause respiratory irritation. Higher exposure levels or repeated exposure may induce shortness of breath and produce symptoms characteristic of asthma.			





Medical Conditions Generally Aggravated by Exposure
Repeated skin contact may produce allergic contact dermatitis Repeated inhalation of dust may cause sensitization which may produce occupational asthma
Emergency and First Aid Procedures
General Advice: Remove from exposure. Take off all contaminated clothing immediately. Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show product label where possible).
Eye Contact: Hold eyelids apart and immediately flush eyes with an excess of water for at least 15 minutes. Call a physician immediately
Skin Contact: Wash affected area with soap and water. Remove all contaminated clothing jewelry. Obtain medical attention.
Ingestion: DO NOT INDUCE VOMITING. Drink large amounts of water. Call a physician or a poison control center immediately.

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled The spill should first be contained. Minimize creation of dust. Approved NIOSH respirator for dust should be worn. Clean up spill immediately. Flush spill area with water in compliance with State and Federal Regulations.
Waste Disposal Method Disposal in accordance with federal, state, and local regulations.
Precautions to Be taken in Handling and Storing Keep out of reach of children. Store material in cool and dry place. This material should be stored in sealed containers to avoid dampness and dust. Use all material in opened/unsealed containers. DO NOT store with combustible materials.
Avoid contact with skin and eyes. Avoid breathing dust or vapor. Avoid contact with clothing.
Other Precautions Use safe chemical handling procedures suitable for the hazards presented by this material.

Section VIII - Control Measures

Respiratory Protection (<i>Specify Type</i>) NIOSH/MSHA approved respirator if exposure may or does exceed occupational exposure limits.
Ventilation Adequate ventilation should be provided to keep dust concentrations below acceptable exposure limits
Eye Protection Wear safety glasses or face shields in processes which scatter particles into the air.





Protective Gloves

Rubber Gloves. Gloves, rubber or impervious coating

Other Protective Clothing or Equipment

Coveralls are satisfactory to minimize skin contact. Eye wash station

Work/Hygienic Practices

Wash thoroughly after handling. Do not eat or drink in work or storage areas.

Section IX – Transportation Information

Land Transport:

Class: 8

Packaging group: III

Classification Code: C2

Risk No.: 80

UN-No.: 3260

Description of the goods: CORROSIVE SOLID, ACIDIC, INORGANIC (Potassium monopersulfate Compound)