

MATERIAL SAFETY DATA SHEET

TruOx

1. Product And Company Identification

Supplier

Truox, Inc.

4724 Arnold Ave.

McClellan, CA 95652 United States

Telephone Number: (916) 920-4051

FAX Number: (916) 920-4390

Issue Date: 06/5/2005

Product Name: Chlorine Companion™

Chemical Name: Potassium Monopersulfate

CAS Number: Not Established

Chemical Family: Peroxygen Salt

Chemical Formula: Proprietary

MSDS Number: 1

2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
POTASSIUM PEROXYMONOSULFATE	70693-62-8	

Ingredients listed in this section have been determined to be hazardous as defined in 29CFR 1910.1200. Materials determined to be health hazards are listed if they comprise 1% or more of the composition. Materials identified as carcinogens are listed if they comprise 0.1% or more of the composition. Information on proprietary materials is available in 29CFR 1910.1200(i)(1).

Hazards Identification (Pictograms)



3. Hazards Identification

Primary Routes(s) Of Entry

Skin Contact

Eye Hazards

Causes severe eye burns.

Skin Hazards

Causes skin irritation.

Ingestion Hazards

If ingested, get immediate medical attention.

MATERIAL SAFETY DATA SHEET

TruOx

3. Hazards Identification - Continued

Inhalation Hazards

Causes respiratory tract irritation. May cause severe allergic respiratory reaction.

Signs And Symptoms

Irritant to eyes and skin due to oxidizing properties

First Aid (Pictograms)



4. First Aid Measures

Eye

In case of contact, hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Call a physician or a poison control center immediately.

Skin

Wash affected areas with soap and water.

Ingestion

DO NOT INDUCE VOMITING. Drink large amounts of water. Call a physician or a poison control center immediately.

Inhalation

If inhaled, remove to fresh air.

Fire Fighting (Pictograms)



5. Fire Fighting Measures

Flash Point: N/A °F

Extinguishing Media

In case of fire, soak (flood) with water.

Fire Fighting Instructions

Firefighters should wear self-contained breathing apparatus and full protective gear.

GRINDING OR INTENSIVE MIXING MAY GENERATE SUFFICIENT HEAT TO FUSE PRODUCT AND CAUSE IGNITION OF OXIDIZABLE MATERIAL PRESENT.

6. Accidental Release Measures

Clean up spill immediately. Flush spill area with water in compliance with State and Federal Regulations.

Handling & Storage (Pictograms)



MATERIAL SAFETY DATA SHEET

TruOx

7. Handling And Storage

Handling And Storage Precautions

Keep out of reach of children. Store material in a cool and dry place.

Handling Precautions

Avoid breathing dust or vapor. Avoid contact with skin and clothing. Avoid contact with eyes.

Storage Precautions

Do not store with combustible materials. Avoid contact with Alkalis. Keep away from heat. Keep out of reach of children.

Work/Hygienic Practices

Use safe chemical handling procedures suitable for the hazards presented by this material.

Protective Clothing (Pictograms)



8. Exposure Controls/Personal Protection

Engineering Controls

Local exhaust acceptable. Special exhaust not required

Eye/Face Protection

Safety glasses with side shields or goggles recommended.

Skin Protection

Chemical-resistant gloves.

Respiratory Protection

The level of respiratory protection needed should be based on the required protection factor after evaluating chemical exposures using appropriate industrial hygiene monitoring and/or OSHA guidance.

Ingredient(s) - Exposure Limits

9. Physical And Chemical Properties

Appearance

White granules or powder

Odor

None

Chemical Type: Mixture

Physical State: Solid

Melting Point: DECOMPOSES °F

Boiling Point: DECOMPOSES °F

Specific Gravity: 1.1-1.4

Molecular Weight: PROPRIETARY

Percent Volatiles: NIL

Vapor Pressure: NIL

Vapor Density: NOT VOLATILE

MATERIAL SAFETY DATA SHEET

TruOx

9. Physical And Chemical Properties - Continued

Odor - Continued

Solubility: >25% AT 20C (68F)

Evaporation Rate: NOT VOLATILE

Corrosive, Oxidizer

10. Stability And Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Conditions To Avoid (Stability)

Avoid contact with alkalis and heat. Heavy metals cause evolution of oxygen gas. Certain organic materials may react violently.

Incompatible Materials

Alkalis, Heavy Metals cause evolution of Oxygen gas. Certain Organic materials may react violently

Hazardous Decomposition Products

Oxygen

11. Toxicological Information

Acute Inhalation Effects

4 Hour LC50 >5mg/1kg in Rats

12. Ecological Information

No Data Available...

13. Disposal Considerations

Dispose in accordance with applicable federal, state and local government regulations.

14. Transport Information

Proper Shipping Name

CORROSIVE SOLID, ACIDIC, INORGANIC ,N.O.S.
(Monopersulfate Compound)

Hazard Class

8,PGIII (<=5kg Consumer Commodity ORM-D)

DOT Identification Number

UN3260

DOT (Pictograms)



15. Regulatory Information

Labeling

Hazardous components which must be listed on the label:

* 70693-62-8 Potassium Peroxymonosulfate

MATERIAL SAFETY DATA SHEET

TruOx

15. Regulatory Information - Continued

Canadian Regulatory Information

Class D, Div 2b - Poisonous or Infectious Material: other toxic effects

Class E - Corrosive Material

Class C - Oxidizing Material

WHMIS - Canada (Pictograms)



NFPA



HMIS

HEALTH	3
FLAMMABILITY	0
REACTIVITY	1
PERSONAL PROTECTION	E

16. Other Information

Revision/Preparer Information

MSDS Preparer: Truox, Inc.

Disclaimer

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purposes(s).