

MSDS Document

Product SO-DROX

1. Chemical Product and Company Identification

Trade Name of this Product SO-DROX

MSDS ID DL 1560

Manufacturer

Drummond American
600 Corporate Woods Parkway
Vernon Hills, IL 60061

Contact Name

Corporate Compliance Team

Phone Number

(847) 913-9313

Emergency Phone

(888) 426-4851

Revision Date 03/07/2001

Health:	4
Flre:	0
Reactivity:	0
Specific	

2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
SODIUM HYDROXIDE	1310-73-2	> 20 %		NE	NE
WATER	7732-18-5	> 50 %		NE	NE

3. Hazard Identification

First Aid Procedures

SKIN CONTACT: Remove contaminated clothing. Flush skin thoroughly with water for 15 minutes. **EYE CONTACT:** Immediately flush with water for 15 minutes. **INHALATION:** Remove to fresh air. Give artificial respiration or oxygen if necessary. **INGESTION:** Do NOT induce vomiting. Drink plenty of water or, preferably, milk. *** IN ALL CASES, GET IMMEDIATE MEDICAL ATTENTION! ***

Target Organs Affected

Corrosive to all body tissue.

Effects Of Overexposure

SKIN CONTACT: Causes irritation and burns. **EYE CONTACT:** Causes eye damage. **INHALATION:** Breathing of mists causes respiratory irritation and can cause burns.

INGESTION: Causes irritation and burning in mouth, esophagus, throat and stomach. Can be fatal if swallowed.

Route Of Entry

Ingestion Inhalation Eyes Skin

4. First Aid Information

5. Fire Fighting Measures

Flash Point None

Special Firefighting Instructions

Avoid skin and eye contact, and breathing of vapors. Wear protective clothing and alkali respirator if exposure to liquid is likely. Firewaters may become corrosive if they contact product.

Unusual Fire And Explosion Hazards

Product is non-flammable.

FLAMMABILITY CLASSIFICATION

OSHA CLASS N/A

DOT Class UN3266

6. Accidental Release Measures

Material Release Or Spill

Small spills can be flushed into normal drainage or into ground with copious amounts of water, or taken up with absorbent material. Larger spills should be contained by diking or other methods and held for collection and/or reuse, or for neutralization with acid before collection and disposal. Use recommended safety equipment when dealing with spills.

7. Handling and Storage

Other Precautions

Keep out of reach of children. Read entire label prior to use. Use only according to directions. Avoid skin and eye contact, and breathing of vapors and spray mist. Do not take internally.

Hygienic Practices

Wash hands before eating or using the washroom. Smoke in SMOKING AREAS ONLY.

8. Exposure Controls and Personal Protection

Other Protective Equipment

Wear alkali-resistant boots and clothing. An eyewash station and safety shower should be

available for emergency use.

Ventilation

Use general or local exhaust ventilation to maintain exposure levels below applicable limits.

Respiratory Protection

Wear a NIOSH/MSHA approved alkali mist respirator if exposure is likely.

Eye Protection

Wear ANSI approved splash goggles.

Protective Gloves

Wear alkali-resistant gloves.

9. Physical and Chemical Properties

Boiling/Cond. Point

Evaporation Rate N/A

Percent Volatile 0.0

Vapor Density N/A

OPTIONAL INFORMATION:

Appearance / Odor: Clear liquid with lemon fragrance.

Specific Gravity: 1.2

pH: >13

Solubility in Water: Complete

VOC % (by weight): 0%

10. Stability and Reactivity

Incompatibility

None Known.

Incompatibility

Strong acids, materials not resistant to alkalis, active metals (zinc, aluminum, magnesium, etc.)

Hazardous Decomposition Products

Contact with active metals can release flammable gas.

Stability

Stable

Hazardous Polymerization

Will not occur

11. Toxicological Information

Carcinogenicity

IARC - No

NTP - No

OSHA - No None known.

12. Ecological Information

13. Disposal Considerations

Waste Disposal Method

Dispose of in accordance with local, state and federal regulations. As supplied, this product is a RCRA hazardous waste. Rinse empty container well before disposal.

14. Transportation Information

Handling And Storage

Store in original container in a cool, dry area. Only use containers and equipment designed for alkali service. Have water hoses and acid convenient in case of spill.

D.O.T. Emergency Response Information

CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. [SODIUM HYDROXIDE] UN3266, CLASS 8, PGII

U.N. CLASSIFICATION

PER DOT N/A

PER IMCO N/A

15. Regulatory Information

16. Other Information