

MATERIAL SAFETY
DATA SHEETMSDS: ONYX(TM) DEVELOPER CONCENTRATE
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3. FIRE AND EXPLOSION HAZARD DATA (continued)

protective covering for exposed areas of the head.
UNUSUAL FIRE AND EXPLOSION HAZARDS:
See Hazardous Decomposition section for products of combustion.
NFPA-HAZARD-CODES: HEALTH 2 FIRE 0 REACTIVITY 1
UNUSUAL REACTION HAZARD: none

4. REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY - MATERIALS TO AVOID:
Strong Acids, Strong Oxidizing Agents, Heat.
HAZARDOUS POLYMERIZATION: Will Not Occur
HAZARDOUS DECOMPOSITION PRODUCTS:
Carbon Monoxide and Carbon Dioxide, Oxides of Nitrogen, Oxides of Sulfur, Hydrogen Cyanide, Hydrogen Sulfide.

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:

Observe precautions from other sections. Collect spilled material. Place in a polyethylene-lined metal container. Disposal alternative: Dilute in a large excess of water. Carefully, and with stirring, add appropriate dilute acid such as sulfamic acid or vinegar. Confirm neutrality.

RECOMMENDED DISPOSAL:

Discharge neutralized waste product to a wastewater treatment system. Incinerate in a permitted hazardous waste incinerator in the presence of a combustible material.

ENVIRONMENTAL DATA:

No data available.

REGULATORY INFORMATION:

Since regulations vary, consult applicable regulations or authorities before disposal. In the event of an uncontrolled release of this material, the user should determine if the release qualifies as a reportable quantity. U.S. EPA Hazardous Waste Number = D002 (Corrosive)

EPCRA HAZARD CLASS:

FIRE HAZARD: No PRESSURE: No REACTIVITY: No ACUTE: Yes CHRONIC: Yes

6. SUGGESTED FIRST AID

EYE CONTACT:

Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate medical attention.

SKIN CONTACT:

Immediately flush skin with large amounts of water. Remove

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6. SUGGESTED FIRST AID (continued)

contaminated clothing. If irritation persists, call a physician. Wash contaminated clothing before reuse.

INHALATION:

If signs/symptoms occur, remove person to fresh air. If signs/symptoms continue, call a physician.

IF SWALLOWED:

If swallowed, do NOT induce vomiting. Give victim two glasses of water. Call a physician immediately. Never give anything by mouth to an unconscious person.

7. PRECAUTIONARY INFORMATION

EYE PROTECTION:

Avoid eye contact. Wear unvented goggles during operations in which exposure is likely.

SKIN PROTECTION:

Avoid skin contact. Wear appropriate gloves when handling this material. Use one or more of the following personal protection items as necessary to prevent skin contact: apron, coveralls.

VENTILATION PROTECTION:

Use with adequate dilution ventilation.

RESPIRATORY PROTECTION:

Avoid breathing of vapors, mists or spray.

PREVENTION OF ACCIDENTAL INGESTION:

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water.

RECOMMENDED STORAGE:

Store in a cool place. Store away from acids. Keep out of the reach of children.

FIRE AND EXPLOSION AVOIDANCE:

Keep container tightly closed.

INGREDIENTS	EXPOSURE LIMITS		TYPE AUTH	SKIN*
	VALUE	UNIT		
WATER	NONE	NONE	NONE NONE	
SODIUM SULFITE	NONE	NONE	NONE NONE	
POTASSIUM HYDROXIDE	2	mg/m3	CEIL ACGIH	
POTASSIUM HYDROXIDE	2	mg/m3	CEIL OSHA	
SODIUM THIOCYANATE	NONE	NONE	NONE NONE	
POTASSIUM SULFITE	NONE	NONE	NONE NONE	

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7. PRECAUTIONARY INFORMATION (continued)

INGREDIENTS	EXPOSURE LIMITS		TYPE AUTH	SKIN*
	VALUE	UNIT		
HYDROQUINONE	2	mg/m ³	TWA ACGIH	
HYDROQUINONE	2	mg/m ³	TWA OSHA	
SODIUM HYDROXIDE	2	mg/m ³	CEIL ACGIH	
SODIUM HYDROXIDE	2	mg/m ³	CEIL OSHA	

* **SKIN NOTATION:** Listed substances indicated with "Y" under SKIN refer to the potential contribution to the overall exposure by the cutaneous route including mucous membrane and eye, either by airborne or, more particularly, by direct contact with the substance. Vehicles can alter skin absorption.

SOURCE OF EXPOSURE LIMIT DATA:

- ACGIH: American Conference of Governmental Industrial Hygienists
- AIHA: American Industrial Hygiene Assoc. Workplace Environmental Exposure Level C
- OSHA: Occupational Safety and Health Administration
- NONE: None Established

8. HEALTH HAZARD DATA**EYE CONTACT:**

Chemical Related Eye Burns (chemical corrosivity): signs/symptoms can include cloudy appearance of the cornea, chemical burns, pain, tearing, ulcers, impaired vision or loss of vision.

SKIN CONTACT:

Moderate Skin Irritation: signs/symptoms can include redness, swelling, itching, and dryness.

Prolonged or repeated exposure may cause:

Allergic Skin Reaction: signs/symptoms can include redness, swelling, blistering, and itching.

Skin Depigmentation: signs/symptoms are loss of pigment from the skin.

INHALATION:

Asthmatic-like Reaction: signs/symptoms can include difficulty breathing, wheezing, tightness of chest, and respiratory failure.

Irritation (upper respiratory): signs/symptoms can include soreness of the nose and throat, coughing and sneezing.

IF SWALLOWED:

Damage to Gastrointestinal Tissues: signs/symptoms can include pain, vomiting, nausea, abdominal tenderness, burns of mouth, difficulty swallowing, blood in vomitus, blood in feces, and ulceration.

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8. HEALTH HAZARD DATA (continued)

Esophageal Burns: signs/symptoms can include pain in throat, difficult swallowing and blood in sputum.

Asthmatic-like Reaction: signs/symptoms can include difficulty breathing, wheezing, tightness of chest, and respiratory failure.

Burns of the Oral Tissues: signs/symptoms can include pain, burns of tongue and inside of mouth, redness and tissue loss.

WHILE THE FOLLOWING EFFECTS ARE ASSOCIATED WITH ONE OR MORE OF THE INDIVIDUAL INGREDIENTS IN THIS PRODUCT AND ARE REQUIRED TO BE INCLUDED ON THE MSDS BY THE U.S. OSHA HAZARD COMMUNICATION STANDARD, THEY ARE NOT EXPECTED EFFECTS DURING FORESEEABLE USE OF THIS PRODUCT.

Blood disorders: signs/symptoms can include prolonged weakness and fatigue.

SECTION CHANGE DATES

HEADING	SECTION CHANGED SINCE	DECEMBER 15, 1993	ISSUE
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Abbreviations: N/D - Not Determined N/A - Not Applicable

The information on this Data Sheet represents our current data and best opinion as to the proper use in handling of this material under normal conditions. Any use of the material which is not in conformance with this Data Sheet or which involves using the material in combination with any other material or any other process is the responsibility of the user.