

# OSHA-Required Health And Safety Information!

This Material Safety Data Sheet (MSDS) was requested moments ago from Hercules Automated Fax Information System. Please forward it immediately to the person in charge of MSDS's, or retain it at the machine until claimed.

## Section 1

### MATERIAL SAFETY DATA SHEET # 201 *Aid-Ox*

Date Prepared: 11/17/1999 Last Reviewed: 3/1/2000

Meets OSHA 29 CFR 1910.1200



**MATERIAL  
SAFETY  
INFORMATION  
SERVICE**

Hercules Chemical Company Inc.  
111 South Street  
Passaic NJ 07055  
Phone (800) 221-9330  
Fax (800) 333-3456

## Section 2 - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity;  
Common Name(s), CAS Numbers)

OSHA PEL

ACGIH TLV

Other Limits

Upper Bound  
Limit if SARA  
Reportable

Oxygen based waste degrader and cleaning compound.

Sodium Percarbonate (CAS 15630-89-4)

2mg/M<sup>3</sup>

2mg/M<sup>3</sup>

N/A

N/A

Sodium Carbonate (CAS 497-19-8)

2mg/M<sup>3</sup>

2mg/M<sup>3</sup>

N/A

N/A

Sodium Metasilicate (CAS 6834-92-0)

2mg/M<sup>3</sup>

2mg/M<sup>3</sup>

N/A

N/A

HMIS Hazard Rating: Health:2 Flammability: 0 Reactivity: 1 Personal Protection: B

## Section 3 - Physical/Chemical Characteristics

Boiling Point (°C):

Specific Gravity  
(H<sub>2</sub>O = 1):

Vapor Density  
(Air = 1):

Vapor Pressure  
(mm Hg):

N/A

1.17

N/A

N/A

Melting Point (° F)

Evaporation Rate:  
(Butyl Acetate = 1)

Solubility in Water:

N/A

N/A

14%

Appearance And Color: White free-flowing powder

Odor: None

## Section 4 - Fire And Explosion Hazard Data

Flash Point:

Flammable Limits:

LEL:

UEL:

N/A

N/A

N/A

N/A

Extinguishing Media: Water, Water Fog, Dry Chemical, CO<sub>2</sub>. Foam -- as appropriate for surrounding fire

Special Firefighting Procedures:

None

Unusual Fire And Explosion Hazards:

Heat will decompose product to release oxygen. Pressure build-up from excessive heat may burst container. Contact of damp product with paper, wood, cloth, etc. may cause spontaneous combustion of the organic material.

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**Section 5 - Reactivity Data**

**Stability:** Stable      **Conditions To Avoid:** Contamination with water and/or metal salts. Heat.

**Incompatibility (Materials To Avoid):** Acids, reducing agents, metal salts, organic materials, oils and greases.

**Hazardous Decomposition:** Heat and oxygen, moisture and washing soda (sodium carbonate)

**Hazardous Polymerization:** Will Not Occur

**Section 6 - Health Hazard Data**

**Routes of Entry:**    Inhalation    Yes                      Skin    Yes                      Ingestion    Yes

**Health Hazards:**

See "Signs & Symptoms of Exposure" below

**Carcinogenicity:**    NTP    NO            IARC    NO            OSHA Regulated    NO

**Signs And Symptoms of Exposure:**

**Eye:** Causes severe irritation. **Skin:** Product is a skin and mucous membrane irritant. Repeated contact may cause dermatitis in individuals with sensitive skin. **Ingestion:** Causes irritation of the mucous membranes of the mouth, throat, esophagus, stomach, and digestive tract.

**Medical Conditions Generally Aggravated By Exposure:**

None Known

**Emergency And First Aid Procedures:**

**EYES:** Immediately flush with plenty of water for at least 15 minutes, forcibly holding eyelids apart to ensure flushing of entire eye and lid tissue. GET MEDICAL ATTENTION, but DO NOT transport victim until flushing period is finished or can be continued during transport.

**SKIN:** Wash contaminated area thoroughly with plenty of soap and water. Remove contaminated clothing and launder before reuse. If irritation or redness develops, get medical attention. Complete flushing/washing prior to transport.

**INHALATION:** Unlikely problem. Seek fresh air.

**INGESTION:** Rinse mouth with plenty of water. DO NOT induce vomiting. Dilute by drinking large amounts of water or milk. GET IMMEDIATE MEDICAL ATTENTION

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**Section 7 - Precautions For Safe Handling And Use:****Steps To Be Taken In Case Material Is Released Or Spilled:**

Sweep up and place in closed, labeled container for disposal. Flush residues to drain. CAUTION: Do not dilute or place waste with combustibles. Do not return swept up material to original container or to storage.

**Waste Disposal Method:**

Package, store, transport and dispose of spilled product and clean up materials in accordance with applicable Federal, State, and Local health and environmental regulations. Product decomposes to water, oxygen, and sodium carbonate.

**Precautions To Be Taken In Handling And Storing:**

Store away from heat. Keep out of reach of children. Do not transfer to another container. Avoid contact with moisture or heavy metal salts such as copper, manganese, iron, and aluminum. Store in a cool place. Keep container sealed to avoid contamination from moisture or dirt.

**Other Precautions:**

None

**Section 8 - Control Measures:****Respiratory Protection:**

Dust Mask

Ventilation: Local Exhaust Yes  
Mechanical N/A

Special N/A

Gloves: Impervious

Other: N/A

Eye Protection: Chemical goggles

Other Protective Clothing: Long sleeve shirt and trousers

Work/Hygienic Practices Use good personal hygiene practices.



**FACTS**  
Faxed  
AST!

For Hercules Material Safety Data Sheets by fax anytime, day or night, just call 1-800-942-INFO (1-800-942-4636) from any Touch-Tone phone. Have your fax number ready. Checking the product label for the correct MSDS # will save time.