

POLYCHEM 1000

Water Reducing Admixture

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List)

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Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name GENERAL RESOURCE TECHNOLOGY	Emergency Telephone Number 800-324-8154
Address (Number, Street, City, State, and ZIP Code) 2978 CENTER COURT, EAGAN, MN 55121	Telephone Number for Information (651) 454-4151
	Date Prepared 8/1/2003
	Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Sodium Salt	PEL N/E	TLV - N/E	CAS # 9084-06-4	
Ethanolamine	PEL 6 mg/m3	TLV - 8 mg/m3	CAS #102-71-6	
TLV - 15 mg/m3 STEL				
modifications of derivatives of lignosulfonic acids	PEL-NE	TLV-NE	CAS #68131-32-8	
NOTE: This product contains 3.2% sodium sulfate (CAS Registry #7757-82-6) subject to the reporting requirements of SEC.313, Title III, Part 372.				

Section III — Physical Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	1.11 to 1.22
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate Butyl Acetate = 1)	N/A

Solubility in Water

Miscible

Appearance and Odor

Dark amber liquid - slight odor.

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used) 200° F, PMCC	Flammable Limits Not available	LEL N/A	UEL N/A
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Extinguishing Media

Water spray, carbon dioxide, foam and dry chemical.

Special Fire Fighting Procedures

Cool exposed containers with water spray. Self contained breathing apparatus in confined areas.

Unusual Fire and Explosion Hazards

None

(Reproduce locally)

OSHA 174, Sept. 1985

N/D - Not Determined

N/A - Not Applicable

N/E - None Established

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Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	None

Incompatibility (Materials to Avoid)

Strong oxidizing agents

Hazardous Decomposition or Byproducts

N/E

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	None

Section VI — Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	Yes	Yes	Yes

Health Hazards (Acute and Chronic)

Effects of overexposure

Acute overexposure: Possible eye, skin and respiratory tract irritation.

Chronic overexposure: May aggravate existing skin, eye and lung conditions.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	No data found.	No data found.	No data found.

Signs and Symptoms of Exposure

May cause redness of skin and eyes.

Medical Conditions

Generally Aggravated by Exposure **Any general medical conditions that results in the weakening of the skin and eye tissue.**

Emergency and First Aid Procedures

Skin: Wash with soap and copious amounts of water, remove contaminated clothing and footwear - wash clothing before reuse.

Eyes: Flush with copious amounts of water, holding eyelids apart for 15 minutes. Get medical attention.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Stop leaks. Clean up large spills with vacuum truck. Soak up small spills with absorbent material and place in watertight containers for disposal.

Wear adequate personal protective clothing and equipment.

Waste Disposal Method

Dispose of product in an approved chemical waste landfill or incinerate in accordance with applicable federal, state and local regulations.

Precautions to Be Taken in Handling and Storing

Normal care to avoid skin and eye contact. Product may congeal or stratify if cold.

Warm to 122° F. and mix well before using.

Other Precautions

None

Section VIII — Control Measures

Respiratory Protection (Specify Type)

None required

Ventilation	Local Exhaust	Special
	Ventilation recommended	Avoid breathing spray or mist.
	Mechanical (General)	Other
	N/A	N/A

Protective Gloves

Chemical resistant, rubber & plastic gloves.

Eye Protection

Chemical worker goggles or face shield.

Other Protective Clothing or Equipment

None

Work/Hygienic Practices

Wash thoroughly after handling.

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REACTIVITY

0

FLAMMABILITY

0

PERSONAL PROTECTION

X

