



POLYCHEM HE

Water-Reducing Accelerating 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)

POLYCHEM HE

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)
Modifications of derivatives of hydroxylated carboxylic acids	CAS #31138-65-5	PEL N/E	TLV N/E	
Inorganic salts	CAS #10043-52-4	PEL N/E	TLV N/E	
Ethanolamine	CAS #102-71-6	PEL 8mg/m³ TWA	TLV 15mg/m³ STEL	

Section III — Physical Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	1.27 to 1.37
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

Complete miscible

Appearance and Odor

Clear to light brown odorless liquid

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used) Non-flammable	Flammable Limits N/A	LEL N/A	UEL N/A
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Extinguishing Media

N/A

Special Fire Fighting Procedures

Positive Pressure, self contained breathing apparatus.

Unusual Fire and Explosion Hazards

N/A

(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	

Incompatibility (Materials to Avoid)

N/A

Hazardous Decomposition or Byproducts

N/A

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI — Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	No	Yes	Yes

Health Hazards (Acute and Chronic)

Irritant - skin and eyes. Liquids or mist may cause moderate to severe eye irritation with possible corneal injury which may be slow to heal.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	No	No	No

Signs and Symptoms of Exposure

Inhalation: Mist may cause respiratory tract irritation. Eye contact: Liquid or mists may cause moderate to severe eye irritation with possible corneal injury which may be slow to heal. Skin contact: Minor irritation may result with brief contact. Prolonged or

repeated contact may cause irritation or even a burn. May cause more severe burn if confined to skin. Swallowed: Low single dose toxicity. May cause gastrointestinal irritation or ulceration. Chronic effects of exposure: No specific information available.

Medical Conditions

Generally Aggravated by Exposure **None known.**

Emergency and First Aid Procedures

Eyes: Flush with water for 15-30 minutes. Call a physician. Skin: Rinse thoroughly with water for at least 15 minutes. Remove contaminated clothing, wash before use. Call a physician if irritation persists. Ingestion: Immediately induce vomiting. Give water. Call a

physician. (Do not induce vomiting in an unconscious person.) Inhalation: Remove to fresh air. Treat symptomatically. Note to physician: May cause corneal injury or burn. Treat skin irritation as any contact dermatitis. Treat burn as any thermal burn.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Soak up with absorbent material and place in watertight containers for disposal.

Waste Disposal Method

Landfill in accordance with applicable local and federal regulations.

Precautions to Be Taken in Handling and Storing

Normal care to avoid skin and eye contact

Other Precautions

None

Section VIII — Control Measures

Respiratory Protection (Specify Type)

None required

Ventilation	Local Exhaust	Special
	Recommended	N/A
	Mechanical (General)	Other
	N/A	N/A

Protective Gloves	Eye Protection
Rubber or plastic chemical resistant.	Chemical worker goggles.

Other Protective Clothing or Equipment

Long sleeve shirt, trousers, safety shoes, gloves & apron

Work/Hygienic Practices

Normal care.

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HEALTH

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REACTIVITY

0

FLAMMABILITY

0

PERSONAL PROTECTION

X

