



# POLYCHEM-R

## Set Retarding 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-R**

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 <b>GENERAL RESOURCE TECHNOLOGY</b>	Emergency Telephone Number <b>(612) 741-3041</b>
Address (Number, Street, City, State, and ZIP Code) <b>2978 CENTER COURT, EAGAN, MN 55121</b>	Telephone Number for Information <b>(651) 454-4151</b>
	Date Prepared <b>12/2011</b>
	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)
<b>NON HAZARDOUS</b>				
<b>Polyhydroxymonocarboxylic acid salt</b>				
<b>CAS #31138-65-5</b>				

### Section III — Physical Chemical Characteristics

Boiling Point	<b>215-F</b>	Specific Gravity (H <sub>2</sub> O = 1)	<b>1.20 to 1.29</b>
Vapor Pressure (mm Hg.)	<b>N/A</b>	Melting Point	<b>N/A</b>
Vapor Density (AIR = 1)	<b>Same as water</b>	Evaporation Rate Butyl Acetate = 1)	<b>Unknown</b>
Solubility in Water	<b>Infinite</b>		

Appearance and Odor  
**Dark amber liquid-slight ammonical odor**

### Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used) <b>Non-flammable</b>	Flammable Limits <b>N/A</b>	LEL <b>N/A</b>	UEL <b>N/A</b>
Extinguishing Media <b>Foam, dry chemical, carbon dioxide, water, fog</b>			
Special Fire Fighting Procedures <b>None known</b>			
Unusual Fire and Explosion Hazards <b>None known</b>			

(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	N/A

Incompatibility (Materials to Avoid)

**Water - N/A Other - 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 (only with severe exposure)**

**Ammonical odor may be irritating to sensitive individuals**

**Ingestion: Treat the same as sodium hydroxide - seek immediate medical attention**

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

Signs and Symptoms of Exposure

**May cause redness of skin and eyes.**

Medical Conditions

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

Emergency and First Aid Procedures

**Flush contacted area with copious amounts of water, for eye contact see physician**

## 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
	N/A	N/A
	Mechanical (General)	Other
	N/A	N/A

Protective Gloves

**Rubber or plastic chemical resistant.**

Eye Protection

**Chemical worker goggles**

Other Protective Clothing or Equipment

**None required**

Work/Hygienic Practices

**Normal care wash hands with soap and copious amounts of water**

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**HEALTH**

**1**

**REACTIVITY**

**0**

**FLAMMABILITY**

**0**

**PERSONAL PROTECTION**

**X**

