



# KB-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)  
**POLYCHEM KB-1000**

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>Sodium Salt</b>	PEL N/E	TLV - N/E	CAS # 9084-06-4	
<b>Ethanolamine</b>	PEL 6 mg/m3	TLV - 8 mg/m3	CAS #102-71-6	
<b>TLV - 15 mg/m3 STEL</b>				
<b>modifications of derivatives of lignosulfonic acids</b>	PEL-NE	TLV-NE	CAS #68131-32-8	
<b>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.</b>				

### Section III — Physical Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H <sub>2</sub> 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) <b>200° F, PMCC</b>	Flammable Limits <b>Not available</b>	LEL <b>N/A</b>	UEL <b>N/A</b>
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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	<b>X</b>	<b>None</b>

Incompatibility (Materials to Avoid)

**Strong oxidizing agents**

Hazardous Decomposition or Byproducts

**N/E**

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	<b>X</b>	<b>None</b>

## Section VI — Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>

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?
	<b>No data found.</b>	<b>No data found.</b>	<b>No data found.</b>

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
	<b>Ventilation recommended</b>	<b>Avoid breathing spray or mist.</b>
	Mechanical (General)	Other
	<b>N/A</b>	<b>N/A</b>

Protective Gloves	Eye Protection
<b>Chemical resistant, rubber &amp; plastic gloves.</b>	<b>Chemical worker goggles or face shield.</b>

Other Protective Clothing or Equipment

**None**

Work/Hygienic Practices

**Wash thoroughly after handling.**

**HEALTH**

**3**

**REACTIVITY**

**0**

**FLAMMABILITY**

**0**

**PERSONAL PROTECTION**

**X**

