

**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

Product Name: Polychem 3000  
Water Reducer

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: GENERAL RESOURCE TECHNOLOGY

Emergency Telephone Num: 1-800-324-8154 or 612-816-6401

Address: 2978 Center Court  
Eagan, MN 55121

Telephone Number for Info: 1-800-324-8154

Date Prepared: 5/3/2004

**Section II—Hazardous Ingredients/Identity Information**

| Hazardous Components (Specific Chemical Identity, Common Name(s)) | OSHA PEL | ACGIH TLV | Other Limits (recommended) | % optional |
|---|----------|-----------|----------------------------|------------|
|---|----------|-----------|----------------------------|------------|

**Non-Hazardous****Section III—Physical/Chemical Characteristics**

|                |     |  |                |
|----------------|-----|--|----------------|
| Boiling Point: | N/A | Specific Gravity (H <sub>2</sub> O = 1): | 1.030 to 1.080 |
|----------------|-----|--|----------------|

|                         |     |                |     |
|-------------------------|-----|----------------|-----|
| Vapor Pressure (mm Hg): | N/A | Melting Point: | N/A |
|-------------------------|-----|----------------|-----|

|                           |     |                   |     |
|---------------------------|-----|-------------------|-----|
| Vapor Density (AIR = 1) : | N/A | Evaporation Rate: | N/A |
|---------------------------|-----|-------------------|-----|

Solubility in Water: Complete

Appearance and Odor: Hazy Liquid, blue color – slight odor

**Section IV—Fire and Explosion Hazard Data**

|  |                   |      |      |
|--|-------------------|------|------|
| Flash Point (Method Used): Non-Flammable | Flammable Limits: | LEL: | UEL: |
|  | N/A               | N/A  | N/A  |

Extinguishing Media: Water carbon dioxide, dry or foam chemicals

Special Fire Fighting Procedures: Self contained breathing apparatus

Unusual Fire and Explosion Hazards:

OSHA 174 Sept. 1985

N/D – Not Determined N/A – Not Applicable N/E – None Established

**Section V—Reactivity Data**

|   |                 |   |                      |
|---|-----------------|---|----------------------|
| Stability:  | Unstable        |   | Conditions to Avoid: |
|   | Stable:         | X |                      |
| Incompatibility(Materials to avoid) : <b>Strong Oxidizers</b> |                 |   |                      |
| Hazardous Decomposition or Byproducts: <b>Sulfur Oxides</b>   |                 |   |                      |
| Hazardous Polymerization<br>(under normal conditions)         | May Occur       |   | Conditions to Avoid: |
|   | Will Not Occur: | X |                      |

**Section VI—Health Hazard Data**

|  |                           |                                       |                                      |
|--|---------------------------|---------------------------------------|--------------------------------------|
| Route(s) of entry  | Inhalation? <b>No</b>     | Skin? <b>Yes</b>                      | Ingestion? <b>Yes</b>                |
| Health Hazards (Acute and Chronic) <b>May be irritating to skin, eyes, and mucous membranes</b>                                |                           |                                       |                                      |
|  |                           |                                       |                                      |
| Carcinogenicity  | NTP? <b>NO data found</b> | IARC Monographs? <b>NO data found</b> | OSHA Regulated? <b>NO data found</b> |
| Signs and symptoms of exposure <b>Irritation of skin, eyes, and mucous membranes</b>   |                           |                                       |                                      |
| Medical conditions   |                           |                                       |                                      |
| Generally aggravated by exposure <b>Any general medical condition that results in the weakening of the skin and eye tissue</b> |                           |                                       |                                      |
| Emergency and First Aid Procedures   |                           |                                       |                                      |
| <b>Skin: Wash with soap and copious amounts of water.</b>  |                           |                                       |                                      |
| <b>Eyes: Flush with copious amounts of water.</b>  |                           |                                       |                                      |

**Section VII—Precautions for Safe Handling and Use**

|  |  |
|--|--|
| Steps to Be Taken in Case Material Is Released or Spilled: <b>Soak up with absorbent material and place in watertight containers for disposal.</b> |  |
|  |  |
| Waste Disposal Method: <b>Landfill in accordance with applicable local and federal regulations.</b>  |  |
|  |  |
| Precautions to Be Taken in Handling and Storing: <b>Normal care to avoid skin and eye contact.</b>   |  |
|  |  |
| Other precautions: <b>None</b>   |  |

**Section VIII—Control Measures**

|   |                           |  |
|---|---------------------------|--|
| Respiratory Protection: <b>None required.</b>                                 |                           |  |
| Ventilation   | Local Exhaust: <b>N/A</b> | Special: <b>N/A</b>                            |
|   | Mechanical: <b>N/A</b>    | Other: <b>N/A</b>                              |
| Protective Gloves: <b>Chemical resistant gloves</b>                           |                           | Eye Protection: <b>Chemical worker goggles</b> |
| Other Protective Clothing or Equipment: <b>None</b>                           |                           |  |
| Work/Hygienic Practices: <b>Normal care – Wash thoroughly after handling.</b> |                           |  |