

**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 Paver Plus  
Water Reducing Admixture

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: <b>GENERAL RESOURCE TECHNOLOGY</b> | Emergency Telephone Num: <b>1-800-324-8154 or 612-816-6401</b> |
| Address: <b>2978 Center Court</b>                | Telephone Number for Info: <b>1-800-324-8154</b>               |
| <b>Eagan, MN 55121</b>                           | Date Prepared: <b>04/04/95</b>                                 |

**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>  | <b>PEL: N/E</b>    | <b>TLV: N/E</b>          | <b>CAS # 9084-06-04</b>    |            |
| <b>Ethanolamine</b>   | <b>PEL: 6mg/m3</b> | <b>TLV: 8mg/m3</b>       | <b>CAS # 102-71-6</b>      |            |
|   |                    | <b>TLV: 15mg/m3 STEL</b> |                            |            |
| <b>Modifications of derivatives of lignosulfonic acids</b>        |                    |                          |                            |            |
|   | <b>PEL: N/E</b>    | <b>TLV: N/E</b>          | <b>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.13, Title III, Part 372.**

**Section III—Physical/Chemical Characteristics**

|                           |  |  |                  |
|---------------------------|--|--|------------------|
| Boiling Point:            | <b>N/A</b>                             | Specific Gravity (H <sub>2</sub> O = 1): | <b>1.11-1.22</b> |
| Vapor Pressure (mm Hg):   | <b>N/A</b>                             | Melting Point:                           | <b>N/A</b>       |
| Vapor Density (AIR = 1) : | <b>N/A</b>                             | Evaporation Rate:                        | <b>N/A</b>       |
| Solubility in Water:      | <b>Miscible</b>                        |  |                  |
| Appearance and Odor:      | <b>Dark Amber Liquid – slight odor</b> |  |                  |

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

|                                     |  |                      |            |            |
|-------------------------------------|--|----------------------|------------|------------|
| Flash Point (Method Used):          | <b>200°F, PMCC</b>   | Flammable Limits:    | LEL:       | UEL:       |
|                                     |  | <b>Not Available</b> | <b>N/A</b> | <b>N/A</b> |
| Extinguishing Media:                | <b>Water spray, carbon dioxide, foam, dry chemical.</b>  |                      |            |            |
| Special Fire Fighting Procedures:   | <b>Cool Exposed containers with water spray. Self contained breathing apparatus in confined areas.</b> |                      |            |            |
| Unusual Fire and Explosion Hazards: | <b>None</b>  |                      |            |            |

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:         | <b>X</b> | <b>None</b>          |
| Incompatibility(Materials to avoid) : <b>Strong Oxidizing agents</b> |                 |          |                      |
| Hazardous Decomposition or Byproducts: <b>N/E</b>                    |                 |          |                      |
| Hazardous Polymerization<br>(under normal conditions)                | May Occur       |          | Conditions to Avoid: |
|  | Will Not Occur: | <b>X</b> | <b>None</b>          |

**Section VI—Health Hazard Data**

|   |                           |                                       |                                      |
|---|---------------------------|---------------------------------------|--------------------------------------|
| Route(s) of entry   | Inhalation? <b>Yes</b>    | Skin? <b>Yes</b>                      | Ingestion? <b>Yes</b>                |
| Health Hazards (Acute and Chronic) <b>Effect of overexposure</b>  |                           |                                       |                                      |
| <b>Acute Overexposure: Possible eye, skin, and respiratory tract irritation.</b>  |                           |                                       |                                      |
| <b>Chronic Overexposure: May aggravate existing skin, eye, and lung conditions.</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>May cause redness of skin and eyes.</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. Remove contaminated clothing, footwear, etc. Wash clothing before re-use.</b> |                           |                                       |                                      |
| <b>Eyes: Flush with copious amounts of water, holding eyelids apart for 15 minutes. Get medical attention.</b>                      |                           |                                       |                                      |

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

|  |
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| Steps to Be Taken in Case Material Is Released or Spilled: <b>Stop leaks. Clean up large spills with vacuum truck. Soak up small spills with absorbent material and place in watertight containers for disposal.</b> |
| <b>Wear adequate personal protective clothing and equipment</b>  |
| Waste Disposal Method: <b>Dispose of product in an approved chemical waste landfill or incinerate in accordance with applicable federal, state and local regulations.</b>  |
| Precautions to Be Taken in Handling and Storing: <b>Normal care to avoid skin and eye contact. Product may congeal or stratify if cold.</b>  |
| <b>Warm to 122° F and mix well before using.</b>   |
| Other precautions: <b>None</b>   |

**Section VIII—Control Measures**

|  |  |   |
|--|--|---|
| Respiratory Protection: <b>None required.</b>                          |  |   |
| Ventilation  | Local Exhaust: <b>Ventillation recommended</b> | Special: <b>Avoid breathing spray or mist</b>                 |
|  | Mechanical: <b>N/A</b>                         | Other: <b>N/A</b>   |
| Protective Gloves: <b>Chemical resistant rubber and plastic gloves</b> |  | Eye Protection: <b>Chemical worker goggles or face shield</b> |
| Other Protective Clothing or Equipment: <b>None</b>                    |  |   |
| Work/Hygienic Practices: <b>Wash thoroughly after handling.</b>        |  |   |