SAFETY DATA SHEET
Acrylate Catalyst SP

Section 1: Product and Company Identification

**Trade Name:** Mountain Grout  
**Product name:** Acrylate Catalyst SP  

**Manufacturer:**  
Green Mountain International, LLC  
235 Pigeon Street  
Waynesville, NC 28786  
Phone 800-942-5151 US/Canada * 828-456-9970 International  

**24 Hour Emergency Contact Number:**  
CHEMTREC United States/Canada 800-424-9300

Section 2: Hazards Identification

**GHS Classifications**

**Health:**  
Acute Toxicity (Oral), Category 4  
Skin Irritation, Category 2  
Eye Irritation, Category 2A  
Respiratory Sensitization, Category 1  
Skin Sensitization, Category 1  
Target organ toxicity single exposure, Category 3  

**Physical:**  
Oxidizing Solids, Category 3

**GHS Label**

- Health hazard  
- Exclamation mark  
- Flame over circle

**Signal Word:** Danger.

**Hazard Statements**  
H272: May intensity fire; oxidizer.  
H302: Harmful if swallowed.  
H315: Causes skin irritation.  
H317: May cause an allergic skin reaction.  
H319: Causes serious eye irritation.
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H335: May cause respiratory irritation.  

Precautionary Statements  

Prevention:  
P210: Keep away from heat, sparks, open flames and hot surfaces. – No smoking.  
P220: Keep/Store away from clothing/combustible materials.  
P221: Take any precaution to avoid mixing with combustibles.  
P261: Avoid breathing dust.  
P264: Wash hands thoroughly after handling.  
P270: Do not eat, drink or smoke when using this product.  
P271: Use only outdoors or in a well-ventilated area.  
P272: Contaminated work clothing should not be allowed out of the workplace.  
P280: Wear protective gloves, protective clothing, eye protection and face protection.  
P284: In case of inadequate ventilation wear respiratory protection  

Response:  
P301+P312: IF SWALLOWED: Call a POISON CENTER or physician if you feel unwell.  
P330: Rinse mouth.  
P302+P352: IF ON SKIN: Wash with plenty of soap and water.  
P333+P313: If skin irritation or rash occurs: Get medical attention.  
P362 + P364: Take off contaminated clothing and wash it before reuse.  
P304+P340: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.  
P342+P311: If experiencing respiratory symptoms: Call a POISON CENTER or physician.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313: If eye irritation persists: Get medical attention.  

Section 3: Composition/Information on Ingredients  

<table>
<thead>
<tr>
<th>Component</th>
<th>% (weight)</th>
<th>Product Identifier</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Persulfate</td>
<td>100</td>
<td>CAS No. 7775-27-1</td>
</tr>
</tbody>
</table>

Section 4: First Aid Measures  

Eye Contact: Immediately flush eyes with plenty of water. Remove contact lenses, if present. Seek medical attention if eye irritation persists.  

Skin Contact: Wash thoroughly with soap and plenty of water. Remove contaminated clothing and shoes. Seek medical attention if skin irritation or rash occurs.  

Ingestion: If swallowed, give 1-2 glasses of water to drink. Do not induce vomiting unless directed to do so by medical personnel.  

Inhalation: Move person to fresh air. If symptoms of respiratory distress develop, seek medical attention.
Section 5: Firefighting Measures

**Extinguishing Media:** Water spray, foam, dry chemical or carbon dioxide. Do not use direct water spray.

**Hazardous Combustion Products:** Oxides of sulphur and sodium.

**Fire Fighting Procedures:** Standard.

**Fire Fighting Equipment:** Exposed firefighters must wear NIOSH-approved positive pressure self-contained breathing apparatus with full-face mask and full protective clothing.

Section 6: Accidental Release Measures

**Personal Protection:** Wear protective equipment listed in Section 8.

**Spill Procedures:** Isolate the hazard and deny entry to unnecessary and unprotected personnel. Do not walk through or otherwise scatter spilled material. Avoid dust formation. Small spills: Sweep or shovel into containers for later disposal. Close tightly. Large spills: Dike far ahead of spill. Follow same procedure as for a small spill.

**Environmental Precautions and Cleanup Methods:** Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. Clean spill area with soap and water.

Section 7: Handling and Storage

**Handling:** Do not get in eyes, on skin or on clothing. Keep container closed. Use only with adequate ventilation. Do not form dust. Use good personal hygiene practices. Wash hands before eating, drinking, smoking. Keep away from sources of ignition.

**Storage:** Store in tightly closed containers in cool, dry and well-ventilated area away from heat or sources of ignition. Protect against physical damage.

**Storage Temperature:** 4.4°C – 32.2°C (40°F - 90°F).

Section 8: Exposure Controls/Personal Protection

**Exposure limits:**

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No.</th>
<th>ACGIH/TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Persulfate</td>
<td>7775-27-1</td>
<td>0.1 mg/m³</td>
</tr>
</tbody>
</table>

**Engineering Controls:** Local exhaust ventilation used in combination with general ventilation as necessary to control air contaminants.

**Eye/Face Protection:** Wear a face shield and chemical safety glasses or goggles.

**Skin Protection:** Wear impervious gloves. Cover exposed skin.

**Respiratory Protection:** For airborne exposure above the exposure limit(s), wear a NIOSH approved
air-purifying respirator equipped with organic vapor cartridges. For situations where the atmospheric levels may exceed the level for which an air-purifying respirator is effective, use a positive-pressure air-supplying respirator or supplied air respirator.

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**Section 9: Physical and Chemical Properties**

- **Appearance**: White crystals.
- **Odor**: Odorless.
- **Melting Point**: 100 °C (212 °F)
- **Freezing Point**: No data.
- **Boiling Point**: No data.
- **Flash Point (Closed Cup)**: 180°C (356°F)
- **Evaporation Rate**: No data.
- **Flammable Limits In Air**: No data.
- **Vapor Pressure**: 2 hPa
- **Solubility in water**: Complete.
- **Autoignition Temperature**: No data.
- **Decomposition Temperature**: Decomposes at melting point.
- **Specific Gravity (water = 1)**: 2.47 at 20°C (68°F)

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**Section 10: Stability and Reactivity**

- **Stability**: Stable.
- **Hazardous Polymerization**: Will not occur.
- **Hazardous Decomposition Products**: Oxides of sulphur and sodium.
- **Incompatibilities**: Acids, alcohols, combustible materials, halogens, organic materials, powdered metals, reducing agents and strong bases.

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**Section 11: Toxicological Information**

**Acute:**

<table>
<thead>
<tr>
<th>Component</th>
<th>Oral LD$_{50}$ (rat)</th>
<th>Dermal LD$_{50}$ (rabbit)</th>
<th>Inhalation LC$_{50}$ (rat)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Persulfate</td>
<td>920 mg/kg</td>
<td></td>
<td></td>
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</tbody>
</table>

**Carcinogenicity:**

- IARC: Not regulated as a carcinogen.
- NTP: Not regulated as a carcinogen.
- OSHA: Not regulated as a carcinogen.

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**Section 12: Ecological Information**

**Ecotoxicological Information:**

- LC$_{50}$ (rainbow trout) 163 mg/L/96h; EC$_{50}$ (water flea) 133 mg/L/48h
Section 13: Disposal Considerations

Disposal Method: Dispose in accordance with local, state, provincial or national regulations.

Empty Container: Decontaminate and pass to an approved drum recycler or destroy.

RCRA/EPA Waste Information: If discarded in its purchased form, this material is a RCRA hazardous waste.

General Comments: The generation of waste should be avoided or minimized whenever possible. Chemical waste, even small quantities, should never be poured into drains, sewers or waterways.

Section 14: Transport Information

U.S. DOT: UN1505, Sodium Persulfate, 5.1, III
ICAO/IATA: UN1505, Sodium Persulfate, 5.1, III
IMO/IMDG: UN1505, Sodium Persulfate, 5.1, III

Section 15: Regulatory Information

United States
SARA Title III (Superfund Amendments and Reauthorization Act)
   311/312 Hazard Categories: Acute, Reactive.
   313 Reportable Components: None.

CERCLA (Comprehensive Environmental Response and Liability Act) None.

TSCA (Toxic Substances Control Act): All components are on TSCA inventory.

RCRA Status: If discarded in its purchased form, this material is a RCRA hazardous waste.

Section 16: Other Information

Date Issued: May 1, 2015
Revised: June 5, 2018, Rev.1

Manufacturer Disclaimer: The information in this SDS was obtained from sources that we believe are reliable. The information is provided without warranty, implied or expressed, concerning accuracy. The manufacturer assumes no legal responsibility for use or reliance on this information. This SDS is provided solely for the purpose of conveying health, safety, and environmental information. This SDS is not a specification data sheet. Some of the information and conclusions may be derived from sources other than test data on the material itself.

Abbreviations and Acronyms:

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH</td>
<td>American Conference of Governmental Industrial Hygienists</td>
</tr>
<tr>
<td>CAS</td>
<td>Chemical Abstracts Service</td>
</tr>
<tr>
<td>EC$_{50}$</td>
<td>Median effective concentration</td>
</tr>
<tr>
<td>EINECS</td>
<td>European Inventory of Existing Commercial Chemical Substances</td>
</tr>
<tr>
<td>Acronym</td>
<td>Description</td>
</tr>
<tr>
<td>---------</td>
<td>-------------</td>
</tr>
<tr>
<td>GHS</td>
<td>Globally Harmonized System of Classification and Labelling of Chemicals</td>
</tr>
<tr>
<td>IARC</td>
<td>International Agency for Research on Cancer</td>
</tr>
<tr>
<td>IATA</td>
<td>International Air Transport Association</td>
</tr>
<tr>
<td>ICAO</td>
<td>International Civil Aviation Organization</td>
</tr>
<tr>
<td>IMDG</td>
<td>International Maritime Dangerous Goods</td>
</tr>
<tr>
<td>IMO</td>
<td>International Maritime Organization</td>
</tr>
<tr>
<td>LC₅₀</td>
<td>Lethal concentration to 50% of exposed laboratory animals</td>
</tr>
<tr>
<td>LD₅₀</td>
<td>Lethal dose to 50% of exposed laboratory animals</td>
</tr>
<tr>
<td>TWA</td>
<td>Time-weighted average</td>
</tr>
<tr>
<td>TLV</td>
<td>Threshold limit value</td>
</tr>
<tr>
<td>NIOSH</td>
<td>US National Institute of Occupational Safety and Health</td>
</tr>
<tr>
<td>NE</td>
<td>Not established</td>
</tr>
<tr>
<td>NTP</td>
<td>US National Toxicology Program</td>
</tr>
<tr>
<td>OEL</td>
<td>Occupational exposure limit</td>
</tr>
<tr>
<td>OSHA</td>
<td>US Occupational Safety Health Administration</td>
</tr>
<tr>
<td>PEL</td>
<td>Permissible exposure limit</td>
</tr>
<tr>
<td>RQ</td>
<td>Reportable quantity</td>
</tr>
<tr>
<td>STEL</td>
<td>Short term exposure limit</td>
</tr>
<tr>
<td>U.S. DOT</td>
<td>United States Department of Transportation</td>
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</table>