Safety Data Sheet
Silicon Carbide Suspension, Water Based  Cat# LSS08, LSS14, LSS18

Section 1 - Chemical Product and Company Identification

SDS Name: Silicon Carbide Abrasive Suspension, Water Base
Company Identification:
   Ladd Research
   83 Holly Court
   Williston, VT 05495 USA
Telephone: (802) 658-4961
For Emergency, Call: (800) 424-9300 (Chemtrec)
Last update: 04/16/2020

Section 2 - Composition/Ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS #</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silicon Carbide</td>
<td>409-21-2</td>
<td>&gt;5</td>
</tr>
<tr>
<td>DI Water</td>
<td></td>
<td>&gt;25</td>
</tr>
<tr>
<td>1,2-propanediol</td>
<td>57-55-6</td>
<td>&gt;25</td>
</tr>
<tr>
<td>Other Components</td>
<td></td>
<td>&lt;20</td>
</tr>
</tbody>
</table>

Section 3 - Hazards Identification

Emergency Overview
Not Applicable

Potential Health Effects
Eyes: May Cause Irritation
Skin: May cause irritation characterized by redness, dryness end or inflammation
Ingestion: May cause irritation to digestive tract
Inhalation: May cause irritation to respiratory tract. Aspiration may occur during swallowing or vomiting.
Chronic: None

Section 4 - First Aid Measures

Eyes: Flush with water for several minutes. DO NOT allow victim to rub or keep eyes closed
   If irritation develops, seek medical attention.
Skin: Flush skin with ample soap and water for at least 15 minutes. Remove contaminated clothing.
   If irritation develops, seek medical attention.
Ingestion: Never give an unconscious person anything by mouth. DO NOT induce vomiting. If conscious, rinse mouth with water and seek medical attention.

Inhalation: Using proper respiratory protection, remove victim from exposure to fresh air. Seek prompt medical attention.

Other instructions: Aspiration of this product during induced emesis may result in severe lung injury. If evacuation of stomach is necessary, use method least likely to cause aspiration.

Section 5 - Fire and Explosion Hazard Data

Flash Point: N/A
Unusual Hazard: None

If fire occurs, wear NIOSH/MSHA approved SCBA and full personal protective equipment. During a fire, irritating and/or toxic gasses may be generated from thermal decomposition. Use extinguishing media appropriate for surrounding fire.

Section 6 - Accidental Release Measures

Vacuum or sweep up material and place it into a suitable container and dispose of in accordance with federal, state and local regulations.

Section 7 - Handling and Storage

Handling: Avoid contact with skin, eyes, and clothing. Avoid inhalation and ingestion. Keep container closed whenever possible.

Storage: Store in a closed container. No special precautions indicated for storage.

Waste Disposal: Must be disposed of in accordance with Federal, State, and Local regulations.

Section 8 - Personal Protection and Exposure Controls

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133

Skin: Wear appropriate protective gloves

Respiratory: NIOSH/MSHA approved respirators if in confined or enclosed space

Clothing: Wear appropriate protective clothing to prevent skin exposure

Facilities control: Facilities storing or utilizing this material should have adequate ventilation along with an eye wash station and safety shower.

Section 9 - Physical and Chemical Properties

Appearance: Liquid (Gray to dark gray, color may vary
Odor: No appreciable
pH: (7-10)
Vapor Pressure: Unknown
Vapor Density: Unknown

Specific Gravity: 1.0-1.05
Boiling Point: Unknown
Melting Point: Unknown
Flash Point: Unknown
Explosion Limits: Unknown
Evaporation Rate: Unknown

NFPA Rating: (estimated) Health: 1; Flammability: 0; Reactivity: 0

Section 10 - Stability and Reactivity

Stability: Stable
Condition to avoid: None known
Hazardous Decomposition or Byproducts: None known
Hazardous Polymerization: Does not occur under normal conditions

Section 11 - Additional Information

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