

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

3 Ewing Place

Essex Junction, VT 05452 USA

Telephone: (802) 658-4961

For Emergency, Call: (800) 424-9300 (Chemtrec)

Last update: 06/29/2023

Section 2 - Composition/Ingredients

<u>Name</u>	<u>CAS #</u>	<u>%</u>
Silicon Carbide	409-21-2	>5
DI Water		>25
1,2 -propanediol	57-55-6	>25
Other Components		<20

Section 3 - Hazards Identification

Emergency Overview

Not Applicable

Potential Health Effects

Eyes: May Cause Irritation

Skin: May cause irritation characterized by redness, dryness and 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	Lower Explosive Lim N/A
Unusual Hazard: None	Upper Explosive Limi N/A

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	Specific Gravity: 1.0-1.05
Odor: No appreciable	Boiling Point: Unknown
pH: (7-10)	Melting Point: Unknown
Vapor Pressure: Unknown	Flash Point: Unknown
Vapor Density: 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

The information contained in this document is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.

In no event shall Ladd Research be liable for any claims, losses, or damages, howsoever arising, even if Ladd Research has been advised of the possibilities of such damages.