

MATERIAL SAFETY DATA SHEET

Product Name: Boron Carbide Abrasive Suspension

Catalog Number: LBS08, LBS14

MSDS Prepared: 9/2011

Distributed By: Ladd Research

83 Holly Court

Williston, VT 05495

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COMPONENTS

	<i>CAS Number</i>	<i>Exposure Limits</i>
Boron Carbide (B4C)	12069-32-8	Not Established
Proprietary Ingredient – Non Hazardous Water		

PHYSICAL AND CHEMICAL DATA

Boiling Point: 100° C

Specific Gravity (water = 1): >1

Solubility in Water: solids – negligible Balance – Complete

Appearance and Odor: Black, shiny liquid with negligible odor.

FIRE AND EXPLOSION HAZARD DATA

Flash Point: Not applicable

Extinguishing Media: Not applicable

Unusual Fire and Explosion Hazards: Dried submicron particles may ignite.

HEALTH HAZARD DATA

Eyes: May irritate eyes.

Skin: May irritate skin.

Inhalation: May induce coughing and/or shortness of breath.

Ingestion: Unlikely to be harmful.

EMERGENCY AND FIRST AID

Eyes: Irrigate eyes for 15 minutes if irritation occurs.

Skin: Wash with soap and water.

Inhalation: Remove patient to fresh air.

REACTIVITY DATA

Stability: Stable

Incompatibility: None found

Hazardous Decomposition Products: None found

SPILL, DISPOSAL AND STORAGE INFORMATION

Spill: Flush with water to chemical sewer.

Disposal: Comply with federal, state and local regulations.

Storage: Do not store below 0° C. Avoid storing in direct sunlight.

PROTECTIVE EQUIPMENT AND CONTROL MEASURES

Ventilation: Use adequate ventilation to reduce levels of air contamination below that which may cause personal injury or illness.

Gloves: rubber or neoprene

Eye: Chemical splash goggles

SECTION 313 SUPPLIER NOTIFICATION

Not applicable

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