



2615 Aero Park Drive • Traverse City, MI 49686-9101 • (231) 929-2121 • Fax: (231) 946-2852

BORI-LUBE – 10

POLISHING LUBRICANT, STONING OIL

Material Safety Data Sheet

Hazard Rating (NFPA)
Health = 0 Reactivity = 0
Fire = 0 Special = 0

Rating Scale
0 = Minimal 3 = Serious
1 = Slight 4 = Severe
2 = Moderate

SECTION 1 — MATERIAL IDENTIFICATION

| | |
|-------------------------------|---|
| Product Name | BORI-LUBE – 10 |
| Application | Polishing lubricant, stone oil |
| Manufacturer | BORIDE ENGINEERED ABRASIVES 2615 Aero Park Drive, Traverse City, MI 49686-9101 |
| Product information telephone | (800) 662-0336 |
| Emergency telephone | (231) 922-1959 |

SECTION 2 — INGREDIENTS AND HAZARDS

Ingredients by chemical family Water-based mixture of fatty acids, nonionic surfactants, corrosion inhibitor and <2.5% triethanolamine (CAS #102-71-6).

The specific percentage composition and component identities of this product are regarded by BORIDE ENGINEERED ABRASIVES to be a trade secret and their disclosure is withheld per CFR 1910.1200(h). Medical personnel requiring this information are instructed to contact BORIDE ENGINEERED ABRASIVES directly with their request per CFR 1910.1200(h). BORIDE ENGINEERED ABRASIVES certifies that all requirements of the Toxic Substance Control Act as amended have been complied with. All components of this formulation are listed in the TSCA Inventory of Chemical Substances. Neither the product nor any of its components are on the list of Hazardous Materials.

SECTION 3 — PHYSICAL CHARACTERISTICS

| | | | |
|-------------------------|------------------------|-------------------------|-------------------------|
| Stability | Stable | Flammable limits: | None |
| Density (20°C) | 1.09 g/cm ³ | Explosion hazard | : None |
| Viscosity (20°C) | 20 cPs | pH Value (10% solution) | 8.0 to 9.5 |
| Solubility in water | 100% | Color | Blue |
| Hazardous decomposition | None | Form | Liquid |
| Hazardous reactions | None | Odor | Odorless |
| Thermal decomposition | None | Vapor pressure (20°C) | NA H ₂ O=1.0 |
| Refractive index (20°C) | 10.0 to 13.0 | | |



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SECTION 4 — FIRE AND EXPLOSIVE HAZARD DATA

| | | | |
|------------------------------|---|---------------------|------|
| U.S. D.O.T. Hazard Class | None | Extinguishing media | None |
| Flash point (method) | None | LEL | N/A |
| Special fire fighting hazard | May emit toxic fumes under fire conditions. | | |

SECTION 5 — REACTIVITY DATA

| | |
|---------------------------------------|---|
| Chemical stability | Hazardous polymerization will not occur |
| Chemical instability | N/A |
| Conditions to avoid | N/A |
| Hazardous decomposition of byproducts | N/A |

SECTION 6 — HEALTH HAZARD DATA

| | |
|-----------------------------------|--|
| Health Hazards (acute or chronic) | None expected; however, all industrial chemicals should be handled with care to avoid overexposure. |
| Technical precautions | None |
| Special protection | None |
| Additional protective measures | Emergency showers and eye washes should be available in areas of use. |
| Fire and explosion protection | None |
| Waste disposal | Dispose of in accordance with federal, state and local regulations. (Hazardous substances cleaned with this product may be considered hazardous wastes.) |
| Carcinogenicity | This product is not considered a carcinogen. |
| Special notes | This product contains < 2.5% triethanolamine (CAS #102-71-6). |
| TLV and source | None established by OSHA or ACGIH |
| Emergency first aid procedures | Eye contact: flush eyes with copious amounts of water; see physician. Skin: wash skin with mild soap and water. |
| Ingestion | Do not ingest. |
| Inhalation | None. |

SECTION 7 — HANDLING OF SPILLS OR LEAKS

No special handling or treatment is required. Keep from freezing and keep away from extreme heat during storage. In case of spillage, add absorbent and sweep up and dispose of in accordance with federal, state and local regulations.

| | |
|---------------------|----------------------|
| Extinguishing media | None, non-flammable. |
|---------------------|----------------------|



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SECTION 8 — ENVIRONMENTAL REGULATIONS

Surfactants are approximately 92% biodegradable.

Transportation Information

DOT PROPER SHIPPING NAME: Surfactant.

DOT HAZARD CLASS: None.

DOT ID NUMBER: None.

SARA Title III: Product does not contain toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCE LIST: Not listed

SECTION 313 TOXIC CHEMICALS LIST: Not listed

U.S. Federal RCRA Hazardous Waste: No

Reportable Quantity (RQ), Under U.S.: Not listed.

SECTION 9 — ADDITIONAL COMMENTS

This information is considered to be correct and is offered for your consideration, investigation and verification. We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, express or implied, and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of their use. User shall determine the product for their intended use and user assumes all risks and liability whatsoever in connection therewith.