

SECTION 1 -- PRODUCT IDENTIFICATION

IDENTITY (Trade Name): DIAMAX Lubricant

FAMILY/CHEMICAL NAME: Polyalkylene Glycol

PRODUCT USE: A thinner, coolant and lubricant for diamond polishing compounds.

MANUFACTURER/SUPPLIER: BORIDE Engineered Abrasives
2615 Aero Park Dr.
Traverse City MI 49686-9101

ORIGINAL ISSUE DATE: June 30, 2015

TELEPHONE NUMBER: (231) 929-2121

24-HOUR EMERGENCY NUMBER: (231) 922-1959

SECTION 2 – HAZARDS IDENTIFICATION

PRIMARY ROUTES OF EXPOSURE: Skin or eyes.

POTENTIAL HEALTH EFFECTS:

ACUTE: Eyes: Can cause moderate irritation, reddening and swelling of the conjunctiva. Corneal injury may occur. Iritis may occur.
Skin: Mild irritation with prolonged contact.
Inhalation (Breathing): Nasal and respiratory irritation.
Ingestion (Swallowing): Mild irritation, chemical pneumonitis if aspirated into lungs due to vomiting.

CHRONIC: Similar to acute.

SIGNAL WORD: Warning



HAZARD STATEMENTS: H 335 (respiratory irritant); H 320 (eye irritant)

PRECAUTIONARY STATEMENTS: P 261 (avoid breathing fumes); P 280 (wear eye protection)

MEDICAL CONDITION AGGRAVATED BY EXPOSURE: Fumes may aggravate pre-existing pulmonary conditions.

NFPA RATINGS: Health: 0; Flammability: 0; Reactivity: 0

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

<u>MATERIAL</u>	<u>CAS #</u>	<u>WEIGHT %</u>	<u>PEL</u>	<u>EC#</u>
Polyalkylene glycol monobutyl ether	9038-95-3	60-100%	20 ppm	N/E
Glycol ethers	NA	0-5%	N/E	N/E

N/E = not established

SECTION 4 – FIRST AID MEASURES

EYES: Flush eyes with water for 15 minutes lifting upper and lower lids occasionally. Seek medical attention if irritation or pain persists.

SKIN: Thoroughly wash affected area with soap and water and isolate from exposure. If irritation or rash persists, seek medical attention.

INHALATION: If symptoms of pulmonary involvement develop (coughing, sneezing, shortness of breath) remove from exposure. If condition persists seek medical attention.

INGESTION: If swallowed, dilute with a large amount of water, induce vomiting and seek medical attention.

SECTION 5 – FIREFIGHTING MEASURES

FLASH POINT: > 200 C.

FLAMMABLE LIMITS IN AIR: Not Known.

AUTOIGNITION TEMPERATURE: Not known.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None.

FIRE FIGHTING PROCEDURES: Extinguish fire.

EXTINGUISHING MEDIA: Foam; dry chemical; carbon dioxide.

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide, carbon dioxide.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES: Take up liquid on absorbent material and sweep or shovel into closable container for disposal

METHODS FOR CONTAINMENT: Use absorbent material.

SECTION 7 – HANDLING AND STORAGE

HANDLING: If use conditions generate vapors, use in well-ventilated area and avoid breathing fumes/mist.

STORAGE: Keep from freezing.

PERSONAL HYGIENE: Use good personal hygiene. Wash hands before eating, drinking or smoking.

SECTION 8 – EXPOSURE CONTROLS, PERSONAL PROTECTION

<u>MATERIAL</u>	<u>CAS #</u>	<u>WEIGHT %</u>	<u>PEL</u>	<u>Hazardous Ingredient (YES/NO)</u>
Polyalkylene glycol monobutyl ether	9038-95-3	95-100%	20 ppm	No
Glycol ethers	NA	0-5%	N/E	No

N/E = not established.

PRECAUTIONS FOR SAFE USE AND HANDLING

HANDLING PRECAUTIONS: None known.

SECTION 8 – EXPOSURE CONTROLS, PERSONAL PROTECTION (cont'd)

CONTROL MEASURES

EYE PROTECTION: Goggles or safety glasses with side shields are recommended.

PROTECTIVE GLOVES: Chemical resistant recommended but not required.

RESPIRATORY PROTECTION: Not normally required. Selection and use of respiratory protective equipment, if warranted, should be in accordance with OSHA General Industry Standard 29 CFR 1910.134 in the U.S.A. and with CSA Standard Z94.4-M1982 in Canada.

ENGINEERING CONTROLS: Provide process enclosure or local ventilation needed to maintain vapor below applicable exposure limits.

OTHER PROTECTIVE EQUIPMENT: None required.

SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE, APPEARANCE, and ODOR: Clear blue liquid, characteristic glycol odor.

ODOR THRESHOLD: Not known.

SPECIFIC GRAVITY: 0.98 (water = 1).

VAPOR DENSITY: > 1 (air = 1).

BOILING POINT: > 200 C.

VAPOR PRESSURE: Not known.

FREEZING POINT: 0 C.

EVAPORATION RATE: Not known.

FLASH POINT: > 200 C

SOLUBILITY IN WATER: Soluble.

MOLECULAR WEIGHT: Not known.

VOLATILE ORGANIC COMPOUNDS: Low volatility.

SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Stable, not reactive with water.

INCOMPATIBILITY (material & conditions to avoid): Strong acids, oxidizing agents.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide.

SECTION 11 – TOXICOLOGICAL INFORMATION

TUMORIGENIC DATA: None available.
ACGIH CARCINOGEN: No.
RTECS Number: N/E
INGESTION: No information available.
INHALATION: No information available.

N/E = not established.

SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICITY: No information available.
PERSISTENCE AND DEGRADABILITY: Moderately biodegradable.
MOBILITY IN SOIL: No information available.

SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: Dispose in accordance with federal, state, provincial and local regulations.

SECTION 14 -- TRANSPORTATION INFORMATION

DOT

PROPER SHIPPING NAME: None. HAZARD CLASS: None. ID NUMBER: None

Packaging Group: None. ER Guidebook #: None.

IATA Shipping Name: Goods are not regulated for transport by IATA.

IMO Shipping Name: Not regulated as dangerous goods.

ADR/RID: Not Hazardous

GGVS/GGVE: Not Hazardous

IMDG: Not Hazardous

GGVSea: Not Hazardous

ICAO: Not Hazardous

SECTION 15 -- REGULATORY INFORMATION

TSCA Inventory Status: All components listed

ECHA REACH Candidate List: Not listed

EINECS Number: N/E

EC Number: N/E

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

FEDERAL RCRA HAZARDOUS WASTE: Not listed

REPORTABLE QUANTITY (RQ), UNDER U.S.: Not listed

N/E = not established.

SECTION 16 -- ADDITIONAL INFORMATION

SDS creation date: June 30, 2015

SDS revision date: January 31, 2017

User assumes all risks incident to the use of this product. To the best of our knowledge, the information contained herein is accurate. However, BORIDE Engineered Abrasives assumes no liability whatsoever for the accuracy or completeness of the information contained herein. No representations or warranties, either expressed or implied, or merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to information or the product to which information refers. The data contained on this sheet apply to the material as supplied to the user.