

## SAFETY DATA SHEET

Date of Revision: 04/16

**SECTION 1 -- PRODUCT IDENTIFICATION**

IDENTITY (Trade Name): Fluid Boride 10

SYNONYMS: Polishing lubricant.

FAMILY/CHEMICAL NAME: Lubricant

PRODUCT USE: Cutting, grinding, polishing lubricant.

Company : **joke Technology GmbH**  
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51429 Bergisch Gladbach  
Germany

Telephone : +49 (0) 2204 839 - 0  
Fax : +49 (0) 2204 839 - 60  
E-mail address : info@joke.de www.joke.de

**1.4. Emergency telephone number**

Emergency Phone : +49 (0) 761/19240

**SECTION 2 – HAZARDS IDENTIFICATION**

PRIMARY ROUTES OF EXPOSURE: May come in contact with skin or eyes.

GHS symbol:



GHS Signal Word: Warning  
GHS Hazard Phrases: H320 – Causes eye irritation  
GHS Hazard Category: 2B

GHS Precautionary Phrases: P280 - Wear eye protection  
P260 – Do not breathe dust/fume/mist/vapors/spray  
P264 – Wash hands thoroughly after handling

POTENTIAL HEALTH EFFECTS:

ACUTE: Eyes: Can cause irritation, redness and eye watering.  
Skin: No skin absorption hazard.  
Inhalation (Breathing): No inhalation hazard.  
Ingestion (Swallowing): May irritate GI tract.

CHRONIC: Same as Acute.

MEDICAL CONDITION AGGRAVATED BY EXPOSURE: None known.

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



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## SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

MATERIAL	CAS #	WEIGHT %	PEL	EC#
Water	7732-18-5	40% - 80%	NE	None
Dipropylene Glycol	25265-71-8	20% - 50%	NE	305-769-9

\*NE = 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 redness persists.

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

**INHALATION:** Not expected.

**OTHER HEALTH RISKS:** None known.

## SECTION 5 – FIREFIGHTING MEASURES

**FLASH POINT:** > 93 °C.

**FLAMMABLE LIMITS IN AIR:** None.

**AUTOIGNITION TEMPERATURE:** Not applicable.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None.

**FIRE FIGHTING PROCEDURES:** Not applicable.

**EXTINGUISHING MEDIA:** Not applicable.

**HAZARDOUS COMBUSTION PRODUCTS:** None.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

**SPILL PROCEDURES:** Use absorbent material or wet-vac to collect liquid.

**METHODS FOR CONTAINMENT:** Absorbent material.



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## SECTION 7 – HANDLING AND STORAGE

HANDLING: No special handling precautions necessary.

STORAGE: Keep from freezing or extreme heat during storage.

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

## SECTION 8 – EXPOSURE CONTROLS, PERSONAL PROTECTION

MATERIAL	CAS #	WEIGHT %	PEL	Hazardous Ingredient (YES/NO)
Water	7732-18-5	40% - 80%	NE	No
Dipropylene Glycol	25265-71-8	20% - 50%	NE	No

### PRECAUTIONS FOR SAFE USE AND HANDLING

HANDLING PRECAUTIONS: None known.

### CONTROL MEASURES

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

PROTECTIVE GLOVES: Any type recommended but not required.

RESPIRATORY PROTECTION: Not normally required.

ENGINEERING CONTROLS: Not normally required.

OTHER PROTECTIVE EQUIPMENT: None necessary.



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### SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE, APPEARANCE, and ODOR: Blue liquid. No odor.

ODOR THRESHOLD: Not applicable.

DENSITY: 1.0 g/cm<sup>3</sup>

VAPOR DENSITY: Greater than air.

BOILING POINT: ~100 °C.

VISCOSITY: 1-5 cPs.

FREEZING POINT: ~32 °C.

EVAPORATION RATE: Negligible.

PH: Neutral.

SOLUBILITY IN WATER: 100% soluble.

MOLECULAR WEIGHT: Not applicable.

VOLATILE ORGANIC COMPOUNDS: No.

### SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Stable, not reactive with water.

INCOMPATIBILITY (material & conditions to avoid): None known.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide.

### SECTION 11 – TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: None known.

CARCINOGENS: Not a carcinogen.

RTECS Number: Not listed.

INGESTION: Not hazardous.

INHALATION: Not hazardous.

### SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICITY: No toxic effects known.

PERSISTENCE AND DEGRADABILITY: Not persistent, biodegradable.

MOBILITY IN SOIL: Mobile.



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### 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: Not regulated as dangerous goods.

IMO Shipping Name: Not regulated as dangerous goods.

### SECTION 15 -- REGULATORY INFORMATION

TSCA Inventory Status: Listed

ECHA REACH Candidate List: Not listed

EINECS Number: Not listed

EC Number: Dipropylene Glycol: 305-769-9

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

### SECTION 16 -- ADDITIONAL INFORMATION

SDS creation date: May 22, 2015

SDS revision date: April 14, 2016

User assumes all risks incident to the use of this product. To the best of our knowledge, the information contained herein is accurate. However, joke 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.