



### SECTION 1

### IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

**COMPANY NAME:** Bore Tech, Inc.  
**ADDRESS:** 2404 Milford Square Pike  
Quakertown, PA. 18951  
**PHONE NUMBER:** 1-267-347-4436 / 1-267-347-4458 (fax)  
**WEBSITE:** www.boretech.com

**PRODUCT IDENTITY:** Case Clean Cartridge Cleaner  
**INTENDED USE :** Brass Cartridge Cleaner  
**APPLICATION METHOD:** See technical data sheet

**EMERGENCY PHONE:**  
CHEM-TREC: 1-800-424-9300 / Outside US: +1-703-527-3887  
Poison Control Center (USA): 1-800-222-1212

### SECTION 2

### HAZARD(S) IDENTIFICATION

**CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:**

No Symbol Required

**HAZARD STATEMENT(S):**

Skin Irrit. 3; H316 Causes mild skin irritation. (Not Adopted by US OSHA)  
Eye Irrit. 2B; H320 Causes eye irritation.

**LABEL ELEMENTS:**

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.

**SIGNAL WORD:** WARNING

**GENERAL:**

P102: Keep out of reach of children  
P103: Read label before use

**PREVENTION:**

P280: Wear gloves/eye/face protection.  
P264: Wash thoroughly after handling.

**RESPONSE:**

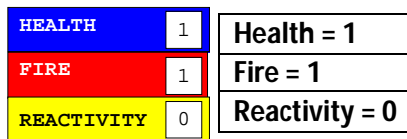
P302+352: IF ON SKIN: Wash with plenty of soap and water.  
P332+313: If irritation occurs, get medical advice/attention.  
P305+351+338: IF IN EYES: rinse continuously with water for several minutes. Remove contact lenses if present and easy to do; continue rinsing.  
P337+P313: If eye irritation persists, get medical advice/attention.

**STORAGE:**

P404: Store in a closed container.

**DISPOSAL:**

P501: Dispose of contents/container in accordance with local/national regulations.

**CLASSIFICATION SYSTEM****NFPA Ratings (scale 0 - 4)****HMIS Ratings (scale 0 – 4)****OTHER HAZARDS**

Results of PBT and vPvB assessment

PBT: Not Applicable

vPvB: Not Applicable

**SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS**

This product is labeled with the following GHS classifications, as it contains substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations. This product is a proprietary blend with nonhazardous additions and some ingredients and mixture percentages are being withheld as confidential business information.

CAS Number	EC Number	Chemical Designations	GHS Classification	Weight %
79-14-1	201-180-5	Glycolic Acid (Hydroxy Acetic Acid)	<i>Eye Irrit. 2B; H320 Skin Irrit. 3; H316</i>	30 ≤50
68603-25-8	N/A	Fatty alcohol, C8-10, EO/PO		1 ≤7
7732-18-5	231-791-2	Water	N/A	40 ≤60

**Relevant Risk Phrases:**

H316 Causes mild skin irritation. (Not Adopted by US OSHA)

H320 Causes eye irritation.



### SECTION 4 FIRST AID MEASURES

- GENERAL:** In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
- INHALATION:** Remove to fresh air. Keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention.
- INGESTION:** Drink 2-16oz glasses of water. If symptoms persist, consult doctor
- EYES:** Check for and remove any contact lenses. Irrigate copiously with clean fresh water for at least 15 minutes. If symptoms persist, consult a doctor.
- SKIN:** Remove contaminated clothing. Wash skin thoroughly with soap and water

#### MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

- OVERVIEW:** No adverse symptoms or effects anticipated under normal handling conditions. See Section 2 for further details.
- EYES:** Causes eye irritation
- SKIN:** Causes mild skin irritation

### SECTION 5 FIRE FIGHTING DATA

- EXTINGUISHING MEDIA:** Fire can be extinguished using: Water spray, fog or mist, alcohol resistant foam, carbon dioxide (CO<sup>2</sup>), dry chemicals, sand, etc.
- SPECIAL HAZARDS:** No further relevant information available
- ADVICE FOR FIREFIGHTERS:** Evacuate area. Prevent contamination from run-off of adjacent areas, streams, drinking water and sewers. Do not flush down sewers or other drainage systems.
- PROTECTIVE EQUIPMENT:** Exposed firefighters must wear standard protective equipment and SCBA.

### SECTION 6 ACCIDENTAL RELEASE MEASURE

#### PERSONAL PRECAUTIONS PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Wear appropriate protective equipment (See Section 8).

#### ENVIRONMENTAL PRECAUTIONS

Do not allow to enter sewers / surface or ground water



### METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Ventilate the area and avoid breathing vapors. Take personal protective measures listed in Section 8. Contain and absorb spillage with non-combustible materials (e.g. sand/earth/vermiculite). Place in closed containers outside and dispose of according to the Waste regulations (see Section 13). Clean with water. Do not allow spills to enter drains or water course.

## SECTION 7 HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING

Avoid contact with eyes, skin or clothing. Ensure adequate ventilation and prevent formation of aerosols. Keep container closed. Use good personal hygiene practices. Wash hands before eating, drinking, smoking. Remove contaminated clothing and clean before re-use. See section 2 for further details (PREVENTION).

### CONDITIONS FOR SAFE STORAGE

Store in tightly closed containers away from excessive heat and incompatibles. See Section 2 for further details (STORAGE).

### INCOMPATIBLE MATERIALS

Store away from oxidizing agents  
Store away from reducing agents

### FURTHER INFORMATION ABOUT STORAGE CONDITIONS

Keep from freezing  
Store out of the reach of children

### SPECIFIC END USE(S)

Brass Cartridge Cleaner

### MANUFACTURES RECOMMENDED SHELF LIFE

When stored according to Section 7 conditions: 2 years from the Date of Sale

## SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

### GENERAL PROTECTIVE EQUIPMENT AND HYGIENIC MEASURES

Avoid contact with eyes, skin or clothing. Keep away from foodstuffs, beverages and feed. Use good personal hygiene practices. Wash hands before eating, drinking, smoking. Remove contaminated clothing and clean before re-use. See section 2 for further details (PREVENTION).

### PROTECTIVE EQUIPMENT

**RESPIRATORY:** If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirator.

**EYES:** Wear safety eyewear (e.g. safety spectacles/goggles/visors) to protect against the splash of liquids.



**SKIN:** Use suitable protective gloves if risk of skin contact. All parts of body should be washed after contact.

### ENGINEERING CONTROLS

No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If these methods are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits, suitable respiratory protection must be worn.

### OTHER WORK PRACTICES

No data available. See Section 2 for further details (PREVENTION).

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

### APPEARANCE

Form: Liquid  
Color: Clear to light amber colored  
Odor: Mild burnt sugar odor

**ODOR THRESHOLD:** Not determined

**pH Value at 15.6 °C (60 °F):** 2.3 – 4.0

### CHANGE IN CONDITION

Melting point/Melting range: Undetermined  
Boiling point/Boiling range: 110°C (230°F)

**FLASH POINT:** > 100 °C (> 212 °F)

**FLAMMABILITY (SOILID, GASEOUS):** Not applicable

**IGNITION TEMPERATURE:** Not determined

**DECOMPOSITION TEMPERATURE:** Not determined

**AUTO IGNITING:** Product is not self igniting

**DANGER OF EXPLOSION:** Product does not present an explosion hazard

### EXPLOSION LIMITS

Lower: Not determined  
Upper: Not determined

**VAPOR PRESSURE AT 20 °C (68 °F):** Not determined

**DENSITY AT 20 °C (68 °F):** 1.13 g/cm<sup>3</sup> (9.430 lbs/gal)

**RELATIVE DENSITY:** Not determined

**VAPOR DENSITY:** Not determined

**EVAPORATION RATE:** Not determined

### SOLUBILITY IN/MISCIBILITY WITH

Water: Fully miscible

**PARTITION COEFFICIENT:** Not determined



### VISCOSITY

Dynamic: Not determined  
Kinematic: Not determined

### SOLVENT CONTENT

Organic solvents: 0%  
Water: ≤60%  
VOC content: 0%

### OTHER INFORMATION:

No further relevant information available

## SECTION 10 STABILITY AND REACTIVITY

**REACTIVITY:** Not chemically reactive  
**CHEMICAL STABILITY:** Stable under normal storage and handling conditions  
**HAZARDOUS REACTIONS:** Hazardous reactions not anticipated  
**CONDITIONS TO AVOID:** Extreme heat, freezing temperatures, incompatibles  
**INCOMPATIBLE MATERIALS:** Oxidizing agents, oxidizing acids, reducing agents  
**HAZARDOUS DECOMPOSITION PROD.:** Not anticipated under normal conditions of use

## SECTION 11 TOXICOLOGICAL INFORMATION

**CATEGORY -- :** Item: Acute Toxicity (mouth) / Hazard: Not applicable  
**CATEGORY -- :** Item: Acute Toxicity (skin) / Hazard: Not applicable  
**CATEGORY -- :** Item: Acute Toxicity (inhalation) / Hazard: Not applicable  
**CATEGORY 3 :** Item: Skin Corrosion/Irritation / Hazard: **Causes mild skin irritation**  
**CATEGORY 2B:** Item: Eye Damage/Irritation / Hazard: **Causes eye irritation.**  
**CATEGORY -- :** Item: Sensitization (respiratory) / Hazard: Not applicable  
**CATEGORY -- :** Item: Sensitization (skin) / Hazard: Not applicable  
**CATEGORY -- :** Item: Germ Toxicity / Hazard: Not applicable  
**CATEGORY -- :** Item: Carcinogenicity / Hazard: Not applicable  
**CATEGORY -- :** Item: Reproductive Toxicity / Hazard: Not applicable  
**CATEGORY -- :** Item: Specific Target Organ Systemic Toxicity (single exposure) / Hazard: Not applicable  
**CATEGORY -- :** Item: Specific Target Organ Systemic Toxicity (repeated exposure) / Hazard: Not applicable  
**CATEGORY -- :** Item: Aspiration Hazard / Hazard: Not applicable



### SECTION 12 ECOLOGICAL INFORMATION

**TOXICITY:** No additional information provided for this product See Section 3 for chemical specific data.

**AQUATIC TOXICITY:** No further relevant information available

**PERSISTENCE AND DEGRADABILITY:** No further relevant information available

**BIOACCUMULATIVE POTENTIAL:** No further relevant information available

**MOBILITY IN SOIL:** No further relevant information available

**RESULTS OF PBT AND vPvB ASSESSMENT:**  
PBT: Not applicable  
vPvB: Not applicable

**ADDITIONAL ECOLOGICAL INFORMATION:** Do not allow undiluted product or large quantities to reach ground water, water course or sewage system.

### SECTION 13 DISPOSAL CONSIDERATIONS

#### WASTE TREATMENT METHODS

Do not allow into drains or water courses. Waste and emptied containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act. Using information provided in this sheet advice should be obtained from the local Waste Regulation Authority, whether the special waste regulations apply.

### SECTION 14 TRANSPORT INFORMATION

This product is NOT classified as Dangerous Goods by DOT, ADR, IMO, ADN, IMDG, or ITATA

**UN NUMBER:** Not applicable  
**UN PROPER SHIPPING NAME:** Not regulated  
**TRANSPORT HAZARD CLASS(ES):**

**DOT/ADR (Domestic Surface transportation)**  
Proper Shipping Name: Not regulated  
Hazard Class: Not applicable  
Label: None  
UN/NA Number: Not applicable  
Packing Group: Not applicable

**IMO/ADN/IMDG (Ocean transportation)**  
Proper Shipping Name: Not regulated  
Hazard Class: Not applicable  
UN/NA Number: Not applicable  
Packing Group: Not applicable



### IATA (Air transportation)

Proper Shipping Name: Not regulated  
 Hazard Class: Not applicable  
 UN/NA Number: Not applicable  
 Packing Group: Not applicable

**SPECIAL PRECAUTIONS FOR USER:**

Not applicable

**TRANSPORT:**

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

**ENVIRONMENTAL HAZARDS:**

Marine Pollutant: No

**PACKING GROUP:**

Not applicable

## SECTION 15 REGULATORY INFORMATION

**REGULATORY OVERVIEW:**

The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented for the specific substance or mixture.

**US EPA TIER II HAZARDS:**

Fire: No / Sudden Release of Pressure: No / Reactive: No  
 Immediate (Acute): Yes / Delayed (Chronic): No

**Control Act (TSCA):**

All ingredients listed

**EPCRA 311/312:**

Chemicals and RQs (>0.1%): No product ingredients listed

**EPCRA 302:**

Extremely Hazardous (>0.1%): No product ingredients listed

**EPCRA 313:**

Toxic chemicals (>0.1%): No product ingredients listed

**PROPOSITION 65:**

Carcinogens (>0.0%): No product ingredients listed

**PROPOSITION 65:**

Developmental Toxins (>0.0%): No product ingredients listed

**PROPOSITION 65:**

Female Reproductive Toxins (>0.0%): No product ingredients listed

**PROPOSITION 65:**

Male Reproductive Toxins (>0.0%): No product ingredients listed

**NJ RTK SUBSTANCE (>1%):**

No product ingredients listed

**PA RTK SUBSTANCE (>1%):**

No product ingredients listed

## SECTION 16 OTHER INFORMATION

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. No warranty of any type either express or implied or any representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability of such information for their own particular use.