



BORE TECH

SDS Revision Date: 03/15/2016

SAFETY DATA SHEET

BLACK POWDER SOLVENT

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: Black Powder Solvent
INTENDED USE : General 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:

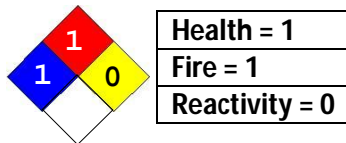
P404: Store in a closed container.

DISPOSAL:

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

CLASSIFICATION SYSTEM

NFPA Ratings (scale 0 - 4)



HMIS Ratings (scale 0 - 4)

HEALTH	1	Health = 1
FIRE	1	Fire = 1
REACTIVITY	0	Reactivity = 0

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	Chemical Designations	GHS Classification	Weight %
127087-87-0	a-(4-Nonylphenyl)-w-hydroxyl-poly(oxy-1, 2-ethanediyl) branched	<i>Eye Irrit. 2B; H320</i>	5 ≤ 10
64-02-8	Tetrasodium ethylenediaminetetraacetate	<i>Eye Irrit. 2B; H320</i>	2 ≤ 5
5989-27-5	(R)-p-mentha-1, 8-diene	<i>Skin Irrit. 3; H316</i>	0.5 ≤ 3
7732-18-5	Water	N/A	≤90

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:** If symptoms persist, consult doctor
- EYES:** Check for and remove any contact lenses. Irrigate copiously with clean fresh water for several 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 (CO₂), 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

Not required

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

None

FURTHER INFORMATION ABOUT STORAGE CONDITIONS

Keep from freezing

Store out of the reach of children

SPECIFIC END USE(S)

General metal 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 / Light Amber colored
Odor: Mild citrus odor

ODOR THRESHOLD: Not determined

pH Value at 15.6 °C (60 °F): 9.8

CHANGE IN CONDITION

Melting point/Melting range: Undetermined
Boiling point/Boiling range: 170°C (338°F)

FLASH POINT: > 94 °C (> 201 °F)

FLAMMABILITY (SOILID, GASEOUS): Not applicable

IGNITION TEMPERATURE: 385 °C (725 °F)

DECOMPOSITION TEMPERATURE: Not determined

AUTO IGNITING: Product is not self igniting

DANGER OF EXPLOSION: Product does not present an explosion hazard

EXPLOSION LIMITS

Lower: 2.6 Vol %
Upper: 12.6 Vol %

VAPOR PRESSURE AT 20 °C (68 °F): 23 hPa (17 mm Hg)

DENSITY AT 20 °C (68 °F): 1.00 g/cm³ (8.345 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: 3.0%
Water: ≤90%
VOC content: 3.0%
111.1g/l / 0.93lb/gl

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.