

## SAFETY DATASHEET

### Section 1: PRODUCT AND COMPANY IDENTIFICATION

#### Product BTHOAT CORROSION INHIBITOR CONCENTRATE

Blend Tech, Inc.  
PO Box 3679 Carson City, NV 89702-3679  
Phone 714.334.8867  
<http://blendtech.biz/>

Intended for industrial use only



Emergency Response Number:  
Professional Emergency Resource Services  
Domestic Shipments: 800-633-8253  
International Shipments: 801-629-0667

### Section 2: HAZARD IDENTIFICATION

#### EMERGENCY OVERVIEW



**Signal Word:** Danger

#### Hazard Statement(s)

Causes severe burns and eye damage  
Harmful if swallowed

Primary hazard type: Corrosive

Appearance: Clear yellow liquid

Odor:

Slight Likely Exposure: Eyes, Ingestion, Inhalation, Skin

#### Exposure Effects Inhalation:

May cause physical discomfort to the respiratory tract.

Eyes: Causes severe irritation (tears, blurred vision and redness) May result in permanent eye

damage. Ingestion: May cause nausea and vomiting. May cause irritation to the mouth, throat and stomach.

Skin: Prolonged contact may cause mild skin irritation.

Target: Not Determined

Potential Carcinogens as listed by OSHA, IARC, or

NONE Other

Other Possible Health Effects: See Section 11 for more information.

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Potential Environmental: Not considered to be harmful to aquatic life.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Component(s)	CAS Number	Weight Percentage
Sodium Hydroxide	1310-73-2	5-10%
Sodium Nitrite	7632-00-0	5-10%



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### SECTION4: FIRSTAID MEASURES

**Inhalation:** Move to fresh air. Remove any contaminated clothing. If breathing is difficult, administer oxygen. Get medical attention.

**Eyes:** Immediately flush with water for at least 15 minutes or until the chemical is removed. Get medical attention!

**Ingestion:** Do not induce vomiting. Never give anything by mouth to an unconscious person. Get immediate medical attention.

**Skin:** Wash off immediately with soap and water. If clothing is contaminated, remove and launder before reuse.

**Special instructions for** Follow usual and customary procedures

### SECTION5: FIRE FIGHTING MEASURES

**Fire fighting:** Standard procedure for chemical fires.

**Fire fighter protection:** Vapors and fumes may be irritating and toxic. Firefighters should wear self-contained breathing apparatus and full fire-fighting turnout gear.

**Suitable extinguishing media:** Carbon dioxide, dry

**chemical, foam or water spray. Unsuitable extinguishing:** Not applicable

**As with any chemical fire, combustion products of unknown toxicity are always**

### SECTION6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Use personal protection recommended in

**Containment:** If possible, stop further leakage of the material. Contain spilled material by diking with non-flammable diking materials.

**Clean-Up methods:** Neutralize spilled material. Pump spilled liquid into disposal container.

**Environmental:** This material is a water pollutant. Keep out of drains, sewers, ditches and waterways. Minimize use of water to prevent environmental contamination.

**Spill reporting:** If the spilled amount is greater than the RQ in section 15, this spill must be reported to the National Response Center.

### Section 7: HANDLING AND STORAGE

**Handling:** Use good industrial practices when handling. Avoid eye, skin, and clothing contact. Do not inhale mist or vapors. Do not taste or swallow. Use only with adequate ventilation.

**Storage:** Keep container closed when not in use. Avoid elevated and freezing temperatures.

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**Section 8:EXPOSURE CONTROLS/PERSONALPROTECTION**

<u>ExposureGuidelines</u> MaterialName	OSHA		ACGIH	
	TWA	STEL	TWA	STEL
SodiumHydroxide	2	NE	2	NE
SodiumNitrite	mg/m CNF	NE	mg/m CNF	NE

General Hygiene Discard contaminatedglovesafteruse.Have eye-washfacilities in the immediate vicinity. Work inadequately ventilated area. Do not breathevaporsor mist. Minimize any contact with any chemical.

Respiratory Protection:No specialrespiratory equipment is needed.

Eye/FaceProtection: Wear safetyglasses whenhandlingthis material.Skin

Protection: Wear nitrileor latex gloves. Wear protective clothing.

EngineeringControls: Work inwell ventilated areas.Do not breathevapors or

Other Protective Eye washstation and safety shower should be available in immediate workSelect additionalprotectiveequipment baseduponpotentialfor

**SECTION9:PHYSICALAND CHEMICALPROPERTIES**

Color:	DarkYellow	VOC Percentage:	0
Physical State:	Liquid	Evaporation Rate:	Not Determined
Odor:	Slight	Odor Threshold:	Not Established
MeltingPoint:	Not Determined	Coeff.Water/OilDist.:	Not Established
Boiling Point:	>200F	Lower Explosive Limit:	Not Determined
SpecificGravity:	1.35-1.45	UpperExplosive Limit:	Not Determined
pH:	>11	Flash Point (deg.C):	Non Flammable
Vapor Pressure:	Not Determined	Solubility:	Complete
VaporDensity:	>1		

**SECTION10:STABILITY ANDREACTIVITY**

Stability: Stable

Conditions to Avoid:

Noneknown.Inco

mpatibleMaterials: StrongReducers

Hazardousdecomposition products Uponthermaldecompositioncarbonoxidesandnitrogenoxidesmay

formPossibilityof hazardousreactions Noneexpected.

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**SECTION11. TOXICOLOGY INFORMATION**

The toxicological data below is based on the main component(s)

**ACUTE EFFECTS**

Acute Oral Toxicity: LD50(rat) = 180 mg/Kg, LD50(human) = 70mg/Kg(Sodium Nitrite)

Acute Dermal LD50(rabbit) = 178 mg/Kg (Sodium Nitrite)

Toxicity:Acute Not Determined (Sodium Nitrite)

Inhalation Toxicity:Sensitization: Not a sensitizer (Sodium Nitrite)

Acute Eye Severely irritating. (Sodium Nitrite)

Irritation:Acute Severely irritating.(Sodium Nitrite)

Skin Irritation:

**CHRONIC EFFECTS**

Carcinogenicity: None of the components of this product are listed as a carcinogen by IARC, NTP, OSHA, or ACGIH.

Mutagenicity: One of the components of this product is considered a mutagen.

Reproductive Effects: Not Determined

Teratogenicity: Not Determined

Synergistic Products: NONE

**SECTION12. ECOLOGICAL INFORMATION**

The ecological data below is based on the main component(s)

**ACUTE FISH**

Species	Exposure	LC50
Rainbow Trout	96hrs.	0.2- 0.4mg/L
Mosquito Fish	24hrs.	8.1 ppm

**ACUTE INVERTEBRATE**

Species	Exposure	LC50	EC50
Daphnia Magna	48hrs.		12.5-100 mg/L

**AQUATIC PLANT**

Species	Exposure
	LC50/EC50 Not Determined

Persistence/Degradability: Degradation is expected under aerobic and anaerobic conditions.

Bioaccumulation/Accumulation: No appreciable bioaccumulation is expected.

Mobility in Environment: Not determined

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### SECTION 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with federal, state, and local

### SECTION 14. TRANSPORT INFORMATION

US D.O.T.

Proper Shipping:

UN1719, Caustic Alkali Liquid, N.O.S. (Sodium Hydroxide), 8, PGII

### SECTION 15. REGULATORY INFORMATION

#### FEDERAL REGULATORY INFORMATION

All components are listed in the EPA Toxic Substances Control Act (TSCA) Chemical Substance Title

III SARA Section 302/313

Product contains materials subject to reporting under SARA Section 302/313 **NO**

CERCLA

Product contains materials subject to reporting under CERCLA(40) **NO**

Title III SARA Section 311/312

Product contains materials subject to reporting under SARA Section 311/312 **YES**

#### STATE REGULATORY INFORMATION

California Proposition

Product contains materials that are carcinogenic and/or can cause reproductive harm and is subject to warning and discharge requirements under the "Safe Water and Toxic Enforcement Act of 1986": **NO**

WHMIS Canadian Workplace Hazardous Material Information System WHMIS  
Classification: E

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### SECTION 16. OTHER INFORMATION

NFPA704:

National Fire Protection Association Health: 3

Fire: 0                  Reactivity: 0

0 = Minimal hazard, 1 = Slight hazard, 2 = Moderate hazard, 3 = Severe hazard, 4 = Extreme

IMO International Maritime Organization E

mS                  F-A, S-B

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