

SAFETY DATA SHEET

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product **BTHOAT CORROSION INHIBITOR CONCENTRATE**

Blend Tech, Inc.
PO Box 3600
Lake Tahoe, NV 89449
USA

Company Phone Number: 888-869-4827

Website: <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: HAZARDS 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 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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SECTION 4: FIRST AID 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

SECTION 5: 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

SECTION 6: 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/PERSONAL PROTECTION

Exposure Guidelines

Material Name	OSHA		ACGIH	
	TWA	STEL	TWA	STEL
Sodium Hydroxide	2 mg/m3	NE	2 mg/m3	NE
Sodium Nitrite	NE	NE	NE	NE

General Hygiene Discard contaminated gloves after use. Have eye-wash facilities in the immediate vicinity. Work in adequately ventilated area. Do not breathe vapors or mist. Minimize any contact with any chemical.

Respiratory Protection: No special respiratory equipment is needed.

Eye/Face Protection: Wear safety glasses when handling this material.

Skin Protection: Wear nitrile or latex gloves. Wear protective clothing.

Engineering Controls: Work in well ventilated areas. Do not breathe vapors or

Other Protective Eye wash station and safety shower should be available in immediate work
Select additional protective equipment based upon potential for

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Color:	Dark Yellow	VOC Percentage:	0
Physical State:	Liquid	Evaporation Rate:	Not Determined
Odor:	Slight	Odor Threshold:	Not Established
Melting Point:	Not Determined	Coeff. Water/Oil Dist. :	Not Established
Boiling Point:	>200F	Lower Explosive Limit:	Not Determined
Specific Gravity:	1.35-1.45	Upper Explosive Limit:	Not Determined
pH:	>11	Flash Point (deg. C):	Non Flammable
Vapor Pressure:	Not Determined	Solubility:	Complete
Vapor Density:	>1		

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable
Conditions to Avoid: None known.

Incompatible Materials: Strong Reducers

Hazardous decomposition products Upon thermal decomposition carbon oxides and nitrogen oxides may form

Possibility of hazardous reactions None expected.

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SECTION 11. 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) = 70 mg/Kg (Sodium Nitrite)
Acute Derma I Toxicity: LD50(rabbit) = 178 mg/Kg (Sodium Nitrite)
Acute Inhalation Toxicity: Not Determined (Sodium Nitrite)
Sensitization: Not a sensitizer (Sodium Nitrite)

Acute Eye Irritation: Severely irritating. (Sodium Nitrite)
Acute Skin Irritation: Severely irritating.(Sodium Nitrite)

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

SECTION 12. ECOLOGICAL INFORMATION

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

ACUTE FISH

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

ACUTE INVERTEBRATE

Species	Exposure	LC50	EC50
Daphnia Magna	48 hrs.	NA	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

NFPA 704: 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

EmS F-A, S-B

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