



MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT & COMPANY IDENTIFICATION

SONOTECH 774 MARINE DRIVE BELLINGHAM, WA 98225 www.sonotech-inc.com

Product Name: ECHONOX® I

Synonym: Corrosion Inhibitor

Manufacturer: Sonotech

Date Prepared: 01/10

Emergency Phone: 360-671-9121 (7am-4pm PST) After hours: CHEMTREC 1-800-424-9300

SECTION 2 -- INGREDIENTS

Water CAS# 7732-18-5

Corrosion Inhibitors Trade Secret

Diethanolamine CAS# 111-42-2

SECTION 3 – HEALTH HAZARDS

Potential Health Effects

Eyes Irritation, burning, redness
Skin Irritation, dermatitis with prolonged contact
Inhalation Not applicable
Ingestion May cause toxic effect

SECTION 4 – FIRST AID

Eyes: Flush continuously with water for at least 15 minutes and call a physician.

Skin: Wash affected area with soap and water.

Inhalation: Not applicable.

Ingestion: Get medical attention.

SECTION 5 – FIRE AND EXPLOSION DATA

Flash Point: Not applicable.

Extinguishing Media: All standard fire fighting media.

Special Precautions: Self Contained Breathing Apparatus and protective clothing should be worn in fighting fires involving chemicals.

Unusual Hazards: None.

NFPA Rating: Health: 2, Fire: 0, Instability: 0

SECTION 6 – ACCIDENTAL RELEASE

Recover free liquid and return to container. Absorb with inert material. Keep from entering sewers or waterways.

SECTION 7 – STORAGE AND HANDLING

Store at room temperature. Material is slippery. Avoid eye contact and prolonged skin contact.

SECTION 8 – EXPOSURE CONTROLS

OSHA PEL (Diethanolamine): None. ACGIH TLV (Diethanolamine): 2mg/M3 TWA.

Respiratory protection: If exposure exceeds TLV, wear NIOSH -approved respirator.

Ventilation: Local exhaust (forced air).

Protective Gloves: Rubber or neoprene.

Eye Protection: Safety glasses.

Other controls: Not required.



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SECTION 9 – PHYSICAL DATA

Boiling Point: 214° F
Density: 1.07-1.09 g/cc
Vapor Density: >1 (Air = 1)
Vapor Pressure: 17.5 mm Hg (68° F)
Volatile Organic Compounds: Not Determined.
Percent Solids: <5%
Solubility in water: Soluble.
Appearance & Odor: pale yellow liquid, mild odor.

SECTION 10 -- REACTIVITY

Stability: Stable.
Hazardous Polymerization: Will not occur.
Hazardous Decomposition Products: If combusted, oxides of nitrogen and carbon.
Incompatibility: Strong acids and oxidizing agents.

SECTION 11 – TOXICOLOGY INFORMATION

Oral Toxicity: Not determined.
Skin Irritation: Not determined.
Eye Irritation: Not determined.
Known/Suspected Carcinogens: None.

SECTION 12 – ECOLOGICAL DATA

No data.

SECTION 13 -- DISPOSAL

Follow applicable federal, state, and local regulations.

SECTION 14 – TRANSPORTATION INFORMATION

Domestic Regulations: None.
DOT Designation: None.
Hazard Class: None.
ID Number: None.
Packing Group: None.
International Regulations: None known.

SECTION 15 – REGULATORY INFORMATION

TSCA: All ingredients are listed on the TSCA Inventory.

SECTION 16 – ADDITIONAL INFORMATION

HMIS: Health: 2, Flammability: 0, Physical Hazard: 0

This MSDS was revised on January 4 , 2010. Supercedes September 2007.

This Material Safety Data Sheet (MSDS) has been prepared in compliance with the Federal OSHA Hazard Communication Standard, 29 CFR 1910.1200. Sonotech believes this information to be reliable and up to date as of the date of this publication, but makes no warranty that it is.