

SECTION 1 – PRODUCT & COMPANY IDENTIFICATION

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

Product Name: ECHONOX® II

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
Triethanolamine	CAS# 102-71-6
Sodium Nitrite	CAS# 7632-00-0

SECTION 3 – HEALTH HAZARDS

WARNING: Nitrosamine compounds can form in small quantities (<1000 ppm) when amines and nitrites are present. Avoid misting this liquid if it is aged & take precautions to avoid inhalation by using an organic vapor respirator for concentrations exceeding the Occupational Exposure Limit.

Potential Health Effects

Eyes	Irritation, burning, redness
Skin	Irritation, dermatitis with prolonged contact
Inhalation	Possible chronic carcinogen from long-term inhalation of concentrated vapor: See Sections 8 & 11
Ingestion	May cause toxic effect – see Section 11

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: Remove to fresh air and consult a physician.

Ingestion: Get medical attention.

Notes to Physician: Product may contain small quantities of nitrosamine compounds, which are suspected carcinogens which can cause liver, esophagus and/or lung damage.

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

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

Ventilation: Local exhaust (forced air).

Protective Gloves: Rubber or neoprene.

Eye Protection: Splash goggles recommended.

Other controls: Not required.

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: N-Nitrosodiethanolamine (Nitrosamines can form in small quantities if material is aged).

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. Supersedes 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.