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MSDS

Material Safety Data Sheet

	<u>NFPA</u>	<u>HMIS</u>
Health	2	2
Flammability	0	0
Reactivity	0	0
PPE		B

Section 1 - Material Identification

Product: IMMERSION MIX

Synonym: UT Water Additive

Manufacturer: Sonotech, Inc.

Date Prepared: 5/03

Emergency Phone: 800-458-4254 / 360-671-9121

Section 2 - Ingredients (>0.1% by WT)

<u>Component</u>	<u>CAS</u>
Water	7732-18-5
Triethanolamine	102-71-6
Surfactants	Proprietary
Sodium Nitrite	7632-00-0
Diethanolamine	111-42-2
N-Nitrosodiethanolamine	1116-54-7
N-Alkyl dimethyl benzyl- ammonium chloride	68424-85-1

All required ingredients are listed on TSCA inventory.

Section 3 - Health Hazards

	<u>Primary Route</u>	<u>Effect</u>
Eyes	Yes	Irritation, burning, redness
Skin	Yes	Temporary irritation
Inhalation	Not normally	Possible carcinogen from long-term inhalation of concentrated vapor
Ingestion	Not normally	May cause toxic effects

Section 4 - First Aid

Eyes: Flush continuously with water for 15 minutes, while lifting upper and lower eyelids. Call a physician.

Skin: Wash affected area with soap and water

Inhalation: Remove subject to fresh air, consult a physician

Ingestion: Give fluids (milk or water) if the victim is conscious. Get medical attention.

Section 5 - Fire and Explosion Data

Flash Point (method): >212°F (water based)

Upper Exposure Limit: None

Lower Exposure Limit: None

Extinguishing media: All standard firefighting media

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

Unusual Hazards: Not Determined

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

Storage & Handling Precautions: Store at room temperature. Avoid eye contact and prolonged skin contact.

Section 8 - Exposure Controls

Respiratory Protection: If exposure exceeds TLV

Ventilation: Local exhaust (forced air)

Protective Gloves: Rubber or neoprene to avoid excessive contact

Eye Protection: Splash-proof safety goggles

Other Controls: Access to fresh running water

Section 9 - Physical Data

Boiling Point (pressure): Not determined

Density: 1.05 g/cm³

Vapor Density : >1 (air=1)

Vapor Pressure (temp): Not determined

Volatile Organic Compounds: None

Percent Solids: <3%

Solubility in water: complete

Appearance & Odor: pale yellow liquid, mild odor

Section 10 - Reactivity Data

Stability: Stable

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: Nitrogen oxides if combusted

Incompatibility: None known

Section 11 - Toxicology Information

Oral toxicity: Not Determined

Skin irritation: Not Determined

Eye Irritation: Not Determined

Known / Suspected Carcinogens: N-Nitrosodiethanolamine (< 1% in this product) is a suspected carcinogen.

Section 12 - Ecological Information

No data

Section 13 - Disposal

Dispose of in accordance with federal, state and local regulations.

Section 14 - Transportation Information

Domestic Regulations: DOT

DOT Designation: Sodium Nitrite

Hazard Class: 5.1

ID Number: UN1500

Packing Group: III

International Regulations: IATA, IMDG

Section 15 - Regulatory Information

WHMIS: Not a Controlled Product

EPCRA 311/ 312 Categories: Diethanolamine (< 3% in this product), N-Nitrosodiethanolamine (<1% in this product) and sodium nitrite (<3% in this product) are subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372.

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. If this MSDS is more than three years old, you should contact Sonotech at the phone number provided above to verify that this sheet is current.