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MSDS

Material Safety Data Sheet

	NFPA	HMIS
Health	1	1
Flammability	1	1
Reactivity	0	0
PPE		A

Section 1 - Material Identification

Product: GLYCERINE
 Synonym: Ultrasonic Couplant
 Supplier: Sonotech, Inc.
 Date Prepared: 05/06
 Emergency Phone: 800-458-4254 / 360-671-9121

Section 2 - Ingredients (>0.1% by WT)

Component	CAS
Glycerine	56-81-5

All required ingredients are listed on TSCA inventory.

Section 3 - Health Hazards

	Primary Route	Effect
Eyes	Not normally	Transient irritation
Skin	Yes	Rarely, redness, itching
Inhalation	Not normally	None expected
Ingestion	Not normally	None expected

Section 4 - First Aid

Eyes: Flush with water for 15 minutes. Get medical attention if irritation persists for more than 30 minutes
 Skin: Wash with water
 Inhalation: N/A
 Ingestion: If large amounts are swallowed, give two glasses of water and seek medical attention

Section 5 - Fire and Explosion Data

Flash Point: 390°F (TCC)
 Upper Exposure Limit: Not determined
 Lower Exposure Limit: Not determined
 Extinguishing media: All standard firefighting media
 Special Precautions: Self-contained breathing apparatus (SCBA) and protective clothing should be worn in fighting fire involving chemicals
 Unusual Hazards: None

Section 6 - Accidental Release

Wipe up excess. Wash with water. Sprinkle with traction material if spill not cleaned immediately.

Section 7 - Storage and Handling

Storage & Handling Precautions: Store at room temperature. Material is slippery.

Respiratory Protection: If material is heated, use an approved air-purifying respirator
 Ventilation: Not required
 Protective Gloves: May be required if sensitivity exists
 Eye Protection: As required by work environment
 Other Controls: None

Section 9 - Physical Data

Boiling Range: >340°F
 Density: 1.4-1.6g/cm³
 Vapor Density: 3.1
 Vapor Pressure: <1mm Hg (70°F)
 Volatile Organic Compounds: None
 Percent Solids: <2%
 Solubility in water: Complete
 Appearance & Odor: Clear viscous liquid, little or no odor

Section 10 - Reactivity Data

Stability: Stable
 Hazardous Polymerization: Will not occur
 Hazardous Decomposition Products: Thermal decomposition may yield Acrolein
 Incompatibility: Oxidizing material

Section 11 - Toxicology Information

Oral toxicity: LD50: 17.0-272 g/kg (rabbit)
 Skin irritation: LD50: 10.0 g/kg (rabbit)
 Eye Irritation: Not Available
 Known / Suspected Carcinogens: None

Section 12 - Ecological Information

No information available

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

WHMIS: Not a Controlled Product
 EPCRA 311/ 312 Categories: None

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.