



SAFETY DATA SHEET  
**EchoFlow™**  
Fluid Ultrasonic Couplant

**SECTION 1 – IDENTIFICATION**

**Product Name:** EchoFlow  
**Recommended Use:** Industrial Ultrasonic Couplant, fluid  
-40° to 150°F (-40° to 65°C)  
**Restrictions on Use:** For Industrial Use Only

**Manufacturer:** Echo Ultrasonics® LLC  
774 Marine Drive, Bellingham, WA 98225; 360-671-9121  
**Emergency:** US: 1-800-255-3924 Outside US: +1-813-248-0585

**SECTION 2 – HAZARDS**

**Hazard Status:** Not hazardous by OSHA 2012 Criteria.  
**Potential Health Hazards:** Eye: May cause slight irritation.

Label Elements according to OSHA HazCom 2012: NONE APPLICABLE

**SECTION 3 – COMPOSITION/INGREDIENTS**

Component	CAS #	WT %
Glycerin:	56-81-5	<70%

**SECTION 4 – FIRST-AID MEASURES**

	Symptoms/Effects	Treatment Recommendations
<b>Eyes:</b>	Slight irritation (possible, none expected)	Flush with water holding eyelids apart.
<b>Skin:</b>	None expected	None
<b>Inhalation:</b>	No irritation expected	None
<b>Ingestion:</b>	Not Available	None

**SECTION 5 – FIRE-FIGHTING MEASURES**

**Flammability:** Non-flammable  
**Suitable Extinguishing Equipment:** N/A  
**Specific Hazards from Combustion:** N/A

**Recommendations:** N/A

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** None  
**Emergency Procedures:** None

**Containment Procedures:** Minimize entry of material into sewers and drainage systems.  
Absorb spill with inert material (earth, clay, commercial absorbent for oil) then place into container for disposal.

**SECTION 7 – HANDLING AND STORAGE**

**Precautions:** Although this material does not present a significant skin or eye concern, eye contact should be avoided as a general industrial practice. Gloves are not required. Wearing eye protection is recommended.

**Recommendations:** Store in original containers above -40°F and below 130°F.

**SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Permissible Exposure Limits:** Total dust 19.5 ppm, Respirable Fraction 6.5 mg/m<sup>3</sup> OSHA 1910.1000 TABLE Z-1 Limits for Air Contaminants  
**Engineering Controls:** When used indoors on a hot surface, control fumes with local exhaust ventilation.  
**Personal Protection:** **Eyes:** Use safety glasses if there is a possibility for exposure.  
**Skin:** None  
**Special Requirements:** None

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Colorless  
**Odor:** Mild characteristic  
**Molecular Weight:** Not available  
**Specific Gravity:** 1.2  
**Vapor Density:** Not available  
**Freezing Point:** -51°F (-46°C)  
**Boiling Point:** 250°F (121°C)  
**Auto-Ignition Temperature:** 732°F (389°C)  
**Solubility:** Soluble in cold water, hot water and alcohol.

**SECTION 10 – STABILITY AND REACTIVITY**

**Reactivity:** Stable  
**Chemical Stability:** Stable  
**Potential Hazards:** No significant hazards expected  
**Conditions to Avoid:** Avoid contact with incompatible materials  
**Incompatible Materials:** Reactive with oxidizing agents



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**Hazardous Polymerization:** Will not occur  
**Reactivity:** Hygroscopic

**SECTION 11 – TOXICOLOGICAL INFORMATION**

**Likely Routes of Exposure:** Inhalation, skin, eyes and ingestion  
**Potential Effects (if any):** Detailed below  
**Eye Effects:** Minimal, if any irritation on contact  
**Skin Effects:** Non-toxic  
**Oral Effects:** Tests on similar materials indicate low order of oral toxicity  
**Inhalation Effects:** Low toxicity expected on inhalation  
**Chronic Health Effects:** Not Classified  
**Mutagenicity:** Not Classified  
**Carcinogenicity:** Not Classified  
**Teratogenicity:** Not Classified  
**Sensitization:** Not Classified

**SECTION 12 – ECOLOGICAL INFORMATION**

**Ecotoxicity:** 75 ppm 96 hours (trout) extrapolated / 96-hour LC50 in Fathead Minnow (Pimephales Promelas) 65,670 mg/liter  
**Biodegradation products:** None expected  
**Soil to Groundwater Motility:** No data  
**Other Adverse Effects:** No data

**SECTION 13 – DISPOSAL CONSIDERATIONS**

**General Information:** Dispose in accordance with all federal, state, and local regulations.  
**Disposal Containers, Methods:** Landfill, incineration – Not a RCRA hazardous waste

**SECTION 14 – TRANSPORT INFORMATION**

**UN Number:** Not applicable  
**UN Proper Shipping Name:** Not applicable  
**Transport Hazard Class:** Not hazardous  
**Packing Group:** Not applicable  
**Environmental Hazards:** Not applicable  
**Bulk Transport Guidance:** Not applicable  
**Special Precautions:** Not restricted, not regulated, not hazardous & not dangerous to transport by air by IATA.

**SECTION 15 – REGULATORY INFORMATION**

**Regulations:** Canada DSL: Yes / EU EINECS / Yes / TSCA Yes  
Uncontrolled product according to WHMIS classification criteria.  
EU – CLP Annex VI Table 3.2 Classification, Labeling & Safety Phrases: not listed  
**HMIS (USA):** US California Proposition 65: NOT listed

**SECTION 16 – OTHER INFORMATION**

**SDS Preparation Date:** 20 June 2019  
**Last Revision:** 01 March 2021  
**Changes from Last Revision:** Updated Section 8  
**Other Information:**

*All information herein is provided in good faith and believed to be accurate and reliable. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ according to location. It is the buyer's/user's responsibility to ensure that this product is used in compliance with all federal, state, and local laws.*