



# SAFETY DATA SHEET

## EchoPure™

### SECTION 1 – IDENTIFICATION

**Product Name:** EchoPure all viscosities  
**Recommended Use:** Industrial Ultrasound Couplant  
**Restrictions on Use:** For Industrial Use Only

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

### SECTION 2 – HAZARDS

**General Information:** EchoPure is not considered to be hazardous by OSHA HazCom 2012 Criteria. Non-hazardous and non-dangerous in accordance with HOHSC criteria. EchoPure is composed of compounds having a vapor pressure less than 0.1 mm Hg at 20°C.

**Emergency Overview:** **Color:** Clear, Slight tint  
**Physical State:** Medium to High Viscosity liquid  
**Odor:** Nearly Odorless  
**Hazards:** May cause allergic skin reaction in sensitive individuals.

**Potential Health Hazards:** **Slippery**  
**Eye:** May cause mild irritation.  
**Skin:** Essentially nonirritating  
**Inhalation:** Not applicable at room temperature. Vapor from high temperatures may cause irritation of upper respiratory tract.  
**Ingestion:** Low toxicity, Ingredients are Generally Recognized as Safe for incidental food contact.

**LABEL ELEMENTS ACCORDING TO OSHA HazCom 2012:** NONE APPLICABLE

Component	CAS #	WT %
Alpha-Propylene Glycol	57-55-6	Less than 95 %
Polymers	9004-34-6	Less than 5%

### SECTION 4 – FIRST-AID MEASURES

**General Information:** Use good industrial hygiene including eye protection.

	Symptoms/Effects	Treatment Recommendations
<b>Eyes:</b>	Irritation	Flush eyes with plenty of water. Remove contacts after 1-2 minutes and continue flushing for several minutes.
<b>Skin:</b>	None expected	Remove with dry cloth or paper towel and rinse away residue with water.
<b>Inhalation:</b>	Irritation	If exposed to excessive vapors or mists, remove to fresh air and get medical attention if cough or other symptoms develop.
<b>Ingestion:</b>	None expected	

### SECTION 5 – FIRE-FIGHTING MEASURES

**Suitable Extinguishing Equipment:** All Types.  
**Specific Hazards from Combustion:** None  
**Unusual Hazards:** None  
**NFPA Rating:** Health: 1, Fire: 0, Instability: 0

### SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Spilled material may cause a slipping hazard. Prevent entry into spill area by unauthorized persons.  
**Emergency Procedures:** Keep unnecessary people away. Sprinkle with traction material if spill cannot be cleaned up immediately.  
**Containment Procedures:** Minimize entry of material into storm sewers and drainage systems. Sweep or shovel spilled material into containers, wipe area with wet rags or hose with water to remove completely. EchoPure is slippery.

### SECTION 7 – HANDLING AND STORAGE

**Precautions:** Skin and eye contact should be avoided as a general industrial practice. Gloves are not required, Wearing eye protection is recommended.

Store in original closed containers in a cool, dry area, between 0 – 35° C (32 - 95° F) Keep away from children.

### Recommendations:

### SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

**Permissible Exposure Limits:** None established  
**Engineering Controls:** None required  
**Personal Protection:** **Eyes:** Use safety glasses or other protection.  
**Skin:** None required  
**Respiratory:** Not required  
**Additional:** It is good general practice to provide eyewash stations or rinse bottles.

**Special Requirements:** None

### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Clear to slight tint medium to high viscosity liquid  
**Odor:** Nearly Odorless  
**Odor Threshold:** No data  
**Solubility:** 100% in water  
**pH:** 7-9  
**Viscosity:** Low fluid to high viscosity

**Flammable Limits:** Non Flammable  
**Specific Gravity:** 1.03  
**Vapor Pressure:** Greater than 1  
**Freezing point:** Supercools  
**Boiling Point:** 360F, 182C  
**Evaporation Rate:** No data  
**Flammability:** No data  
**Flash Point:** No Data  
**Volatile Organic Compounds (VOC):** Less than 1%

### SECTION 10 – STABILITY AND REACTIVITY

**Reactivity:** Stable  
**Chemical Stability:** Stable  
**Potential Hazards:** No significant hazards expected  
**Conditions to Avoid:** None  
**Incompatible Materials:** None known  
**Hazardous Polymerization:** None known  
**Hazardous Decomposition Products:** None known

### SECTION 11 – TOXICOLOGICAL INFORMATION

**Likely Routes and Effects of Exposure :** See section 2  
**Immediate:** See section 2  
**Delayed or Chronic:** Low potential  
**Symptoms:** None expected  
**Carcinogenicity:** No evidence of being a carcinogen

### SECTION 12 – ECOLOGICAL INFORMATION

**Toxicology Data:** Not expected to be acutely toxic to aquatic organisms  
**Environmental Persistence/Degradation:** Biodegradation is expected  
**Bioaccumulation Potential:** No bioaccumulation is expected  
**Soil to Groundwater Motility:** Not expected  
**Other Adverse Effects:** None expected

### SECTION 13 – DISPOSAL CONSIDERATIONS

**General Information:** All disposal practices must be in compliance with all Federal, State, and Local laws and regulations.  
**Disposal Containers:** Any  
**Disposal Methods:** Landfill, municipal sewer if permissible  
**Physical /Chemical properties affecting disposal:** None  
**Sewage Disposal:** Small quantities generally permissible  
**Special precautions for landfills or incinerators:** None

### SECTION 14 – TRANSPORT INFORMATION

**UN Number and Proper Shipping Name:** Not assigned  
**Transport Hazard Class:** None  
**Packing Group:** None  
**Environmental Hazards or special precautions:** None  
**Bulk Transport Guidance:** None  
**Special Precautions:** Not restricted, not regulated, not hazardous & not dangerous to transport by air by IATA

### SECTION 15 – REGULATORY INFORMATION

**Regulatory Information not included elsewhere:**
**TSCA Inventory:** All ingredients listed  
**CEPA:** All ingredients listed on DSL  
**Section 311 SARA Title III/CERCLA**  
**Immediate (acute):** No  
**Delayed (chronic):** No  
**Fire Hazard:** No  
**Reactive:** No  
**Sudden Release of Pressure:** No  
**SARA 313**  
 This product does not contain chemicals which require reporting nor listing under California Proposition 65.

### SECTION 16 – OTHER INFORMATION

**SDS Preparation Date:** 12 October 2014  
**Last Revision:** June 13, 2017  
**Changes from Last Revision:** Modified Emergency Contact Information  
**Other Information:** None

*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.*