



# SAFETY DATA SHEET

## SoniX UT™

NDT Ultrasonic Couplant

### SECTION 1 – IDENTIFICATION

**Product Name:** SoniX UT™  
**Recommended Use:** Industrial Ultrasonic Couplant  
18° to 120°F (-8° to 50°C)  
**Restrictions on Use:** For Industrial Use Only

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

### SECTION 2 – HAZARDS

**General Information:** SoniX UT is not hazardous by OSHA HazCom 2012 Criteria  
**Emergency Pictograms required:** None  
**Overview:** **Color:** Light green  
**Physical State:** High viscosity liquid  
**Odor:** Mild  
**Potential Health Hazards:** **Hazards:** May cause allergic skin reaction in sensitive individuals.  
Slippery  
**Eye:** May cause irritation.  
**Skin:** Essentially nonirritating  
**Inhalation:** Not applicable at room temperature. Vapor from high temperatures may cause irritation of upper respiratory tract.  
**Ingestion:** Low toxicity, potentially harmful if ingested in quantity, which is unlikely given taste and viscosity.

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

### SECTION 3 – COMPOSITION/INGREDIENTS

Chemical/ Common Name	CAS #	WT %	Hazard Limit
Propylene Glycol	57-55-6	<30.0%	Not Applicable
Polymers	9004-34-6	<4.5 %	Not Applicable
Corrosion Inhibitors	84812-94-2	<2.0 %	Not Applicable
Water	7732-18-5	Balance	Not Applicable
		No known impurities	

### SECTION 4 – FIRST-AID MEASURES

**General Information:** To avoid irritation, use good industrial hygiene including eye protection, protecting open wounds and avoid contact with mucus membranes.

	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. Seek medical attention if irritation persists.
<b>Inhalation:</b>	Irritation (from fumes)	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	If conscious, give several glasses of water or milk and induce vomiting by touching finger to back of throat. Seek medical attention.

### SECTION 5 – FIRE-FIGHTING MEASURES

**Suitable Extinguishing Equipment:** All Types.  
**Specific Hazards from Combustion:** None  
**Unusual Hazards:** None

### 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. Minimize entry of material into storm sewers and drainage systems.  
**Containment Procedures:** Sweep or shovel spilled material into containers, wipe area with wet rags or hose with water to remove completely. SoniX UT is slippery.

### SECTION 7 – HANDLING AND STORAGE

**Precautions:** Although this material does not present a significant skin or eye concern, skin and eye contact should be avoided as a general industrial practice. Gloves are not required, but may be desirable for repeated or long-term contact. Wearing eye protection is recommended if eye contact is likely based on conditions of use. Wash hands and contaminated skin after handling.  
**Recommendations:** Store in original closed containers in a cool, dry area, between 0 – 35° C (32 - 95° F). Keep away from children and adults with dementia.  
**Release of chemical into environment:** Clean up spill as best as possible then wash away with water.

### SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

**Permissible Exposure Limits:** None established  
**Threshold Value Limits:** None established  
**Engineering Controls:** None required  
**Personal Protection:** **Eyes:** Use safety glasses or other protection as required by work environment.  
**Skin:** Wear protective gloves if sensitive to any listed ingredients.  
**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:** Light green high viscosity liquid  
**Odor:** Mild  
**Odor Threshold:** No data  
**Solubility:** 100% in water  
**pH:** 8  
**Viscosity:** 43,000 cps  
**Flammable Limits:** Non-Flammable  
**Vapor Pressure:** 1  
**Vapor Density:** 1.1 (water = 1)  
**Relative Density:** Not applicable  
**Freezing point:** 18F, -7.7C  
**Boiling Point:** >220F, 104C



**SAFETY DATA SHEET**  
**SoniX UT™**  
NDT Ultrasonic Couplant

Evaporation Rate: No data  
Flammability: Non flammable  
Flash Point: Not applicable  
Partition Coefficient: No data  
Volatile Organic Compounds (VOC): Less than 1.00% (Calculated)

**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 Symptoms: No data  
Carcinogenicity: No data

**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: 11 November 2013  
Last Revision: 23 May 2024  
Changes from Last Revision: Annual Review / Removed sodium molybdate  
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.*