



SAFETY DATA SHEET

UltraSoniX™

SECTION 1 – IDENTIFICATION

Product Name: UltraSoniX™
Recommended Use: Industrial Ultrasound Couplant
Restrictions on Use: For Industrial Use Only

Manufacturer: Echo Ultrasonics™ LLC
 774 Marine Drive, Bellingham, WA 98225
 360-758-2702
Emergency: 360-758-2702

SECTION 2 – HAZARDS

General Information: UltraSoniX is not considered to be hazardous nor does it contain ingredients that are known or suspected carcinogens in quantities greater than 0.09%. UltraSoniX does not contain Formaldehyde components, glycol ethers or glycerine.

Emergency Overview: **Color:** Light blue green
Physical State: High Viscosity liquid
Odor: Mild
Hazards: May cause allergic skin reaction in sensitive individuals.
 Slippery

Potential Health Hazards: **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 large quantities, which is unlikely given taste and viscosity.

SECTION 3 – COMPOSITION/INGREDIENTS

Component	CAS #	WT %
Propylene Glycol	57-55-6	<35.0%
Biopolymers	Trade Secret	<4.5 %
Corrosion Inhibitors	Trade Secret	<4.0 %
Sodium Molybdate	7631-95-0	< 2.0 %
Antimicrobial	Trade Secret	<0.25%
Food Grade Color	3844-45-9	< 0.1
Water	7732-18-5	Balance

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
Eyes:	Irritation	Flush eyes with plenty of water. Remove contacts after 1-2 minutes and continue flushing for several minutes.
Skin:	None expected	Remove with dry cloth or paper towel and rinse away residue with water. Seek medical attention if irritation persists.
Inhalation:	None expected	If exposed to excessive vapors, remove to fresh air and get medical attention if cough or other symptoms develop.
Ingestion:	None expected	If conscious, give several glasses of water or milk and induce vomiting by touching finger to back of throat. Seek medical attention.



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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.
Cleanup 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. Keep away from children.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Permissible Exposure Limits:	None established
Engineering Controls:	None required
Personal Protection:	<p>Eyes: Use safety glasses or other protection as required by work environment.</p> <p>Skin: Wear protective gloves if sensitive to any listed ingredients.</p> <p>Respiratory: Not required.</p> <p>Additional: It is good general practice to provide eyewash stations or rinse bottles.</p>
Special Requirements:	None

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UltraSoniX™**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Light blue green high viscosity liquid
Odor:	Mild
Odor Threshold:	No data
Solubility:	100% in water
pH:	8
Viscosity:	85,000 cps Brookfield E (1.5 rpm)
Flammable Limits:	Non Flammable
Vapor Pressure:	Not applicable
Vapor Density:	1
Relative Density:	1.1 – 1.4 g/cc (water = 1)
Melting Point:	Not applicable
Freezing point:	5F, -15C
Boiling Point:	>220F, 104C
Evaporation Rate:	No data
Flammability:	Non Flammable
Flash Point:	Not Applicable
Partition Coefficient:	No data
Auto-ignition Temperature:	Not Applicable
Decomposition Temperature:	No Data

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	None known
Products:	

SECTION 11 – TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:	See section 2
Effects of Exposure:	See section 2
Immediate:	See section 2
Delayed:	No data
Chronic:	No data
Symptoms:	No data
Carcinogenicity:	No data

SECTION 12 – ECOLOGICAL INFORMATION

Toxicology Data:	Not expected to be acutely toxic to aquatic organisms
Bioaccumulation Potential:	No bioaccumulation is expected
Soil to Groundwater Motility:	Not expected
Other Adverse Effects:	None expected



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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 and Chemical properties affecting disposal: None

Sewage Disposal: Generally permissible

Special precautions for landfills or incinerators: None

SECTION 14 – TRANSPORT INFORMATION

UN Number: Not assigned

UN Proper Shipping Name: Not assigned

Transport Hazard Class: None

Packing Group: None

Environmental Hazards: None

Bulk Transport Guidance: None

Special Precautions: None

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.

SECTION 16 – OTHER INFORMATION

SDS Preparation Date: 8 December 2013
Last Revision: 8 December 2013
Changes from Last Revision: Original
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.