ECHO ultrasonics

SAFETY DATA SHEET
UltraSoniX™ High Performance Ultrasonic Couplant

SECTION 1 – IDENTIFICATION

Product Name: UltraSoniX™
Recommended Use: Industrial Ultrasonic Couplant
10□to 220□F (-12□to 104□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

General Information:
Pictogram Required: None
Hazard status: UltraSoniX is not hazardous by OSHA HazCom 2012 Criteria

Emergency Overview:
Color: Light blue
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.

Label Elements according to OSHA HazCom 2012: NONE APPLICABLE

SECTION 3 – COMPOSITION/INGREDIENTS

Common/ Chemical name	CAS #	WT %	Hazard Limit
Propylene Glycol	57-55-6	<35.0%	Not Applicable
Polymers	9003-01-4	<2.0 %	Not Applicable
Corrosion Inhibitors	84812-94-2	<4.0 %	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.
Keep away from children and adults with dementia.

	Symptoms/Effects	Treatment Recommendations
Eyes:	Irritation	Flush eyes with plenty of water. Remove contacts after 1-2 minutes; flush for several minutes.
Skin:	None expected	Remove with dry cloth or paper towel; rinse away residue with water. Seek medical attention if irritation persists.
Inhalation:	Not normally a hazard	If exposed to excessive vapors, move to fresh air; get medical attention if cough or symptoms.
Ingestion:	Not normally a hazard	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
NFPA Rating: 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.
Cleanup Procedures: UltraSoniX is slippery.

SECTION 7 – HANDLING AND STORAGE

Precautions: Although this material does not present a major 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 required. Wash hands and contaminated skin after handling.
Store in original closed containers. Keep away from children and adults with dementia.
Recommendations: None known
Incompatible chemicals: None known
Release of chemical into environment: Clean up as best as possible then wash away remainder 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 with side shields or other chemical appropriate eye protection.
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 blue high viscosity liquid
Odor: Mild
Odor Threshold: No data
Solubility: 100% in water
pH: 8
Viscosity: 60,000 cps Brookfield
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

ECHO ultrasonics

SAFETY DATA SHEET
UltraSoniX™ High Performance Ultrasonic Couplant

Boiling Point:	>220F, 104C
Evaporation Rate:	No data
Flammability:	Non flammable
Flash Point:	Not applicable
Partition Coefficient:	No data
Auto-Ignition Temperature:	Not applicable
Volatile Organic Compounds (VOC)	Less than 1.5% (Calculated)

SECTION 10 – STABILITY AND REACTIVITY

Reactivity:	Stable
Chemical Stability:	Stable
Stabilizers required:	None required
Appearance change causing hazard potential:	None
Potential Hazards:	No significant hazards expected
Conditions to Avoid:	None
Incompatible Materials:	None known
Class of incompatible material:	Not applicable
Hazardous Polymerization:	None known
Conditions causing potential hazard:	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:	No data
Symptoms:	No data
Numerical measure of toxicology:	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

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:	Generally permissible
Special precautions for landfills or incinerators:	None

SECTION 14 – TRANSPORT INFORMATION

UN Number and Proper Shipping Name:	Not assigned
UN Proper Shipping Name:	Not assigned
Transport Hazard Class:	None
Packing Group:	None
Environmental and Special Hazards:	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:	8 December 2013
Last Revision:	23 May 2024
Changes from Last Revision:	Annual Review / Removed sodium molybdate
Other Information:	

All information herein is provided in good faith and believed to be accurate and reliable. However, no warranty, express orimplied, 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.