



# 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
<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>	None expected	If exposed to excessive vapors, 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.

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**UltraSoniX™****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:**  
**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

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

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

**SECTION 10 – STABILITY AND REACTIVITY**

<b>Reactivity:</b>	Stable
<b>Chemical Stability:</b>	Stable
<b>Potential Hazards:</b>	No significant hazards expected
<b>Conditions to Avoid:</b>	None
<b>Incompatible Materials:</b>	None Known
<b>Hazardous Polymerization:</b>	None known
<b>Hazardous Decomposition</b>	None known
<b>Products:</b>	

**SECTION 11 – TOXICOLOGICAL INFORMATION**

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

**SECTION 12 – ECOLOGICAL INFORMATION**

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

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**UltraSoniX™****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.*