SAFETY DATA SHEET
UltraSoniX™

SECTION 1 – IDENTIFICATION

Product Name: UltraSoniX™
Manufacturer: Echo Ultrasound LLC
Recommended Use: Industrial Ultrasound Couplant
774 Marine Drive, Bellingham, WA 98225
Restrictions on Use: For Industrial Use Only
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
Hazard: May cause allergic skin reactions 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

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS #</th>
<th>WT %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene Glycol</td>
<td>57-55-6</td>
<td>&lt;35.0%</td>
</tr>
<tr>
<td>Biopolymers</td>
<td>Trade Secret</td>
<td>&lt;4.5%</td>
</tr>
<tr>
<td>Corrosion Inhibitors</td>
<td>Trade Secret</td>
<td>&lt;4.0%</td>
</tr>
<tr>
<td>Sodium Molybdate</td>
<td>7631-95-0</td>
<td>&lt;2.0%</td>
</tr>
<tr>
<td>Antimicrobial</td>
<td>Trade Secret</td>
<td>&lt;0.25%</td>
</tr>
<tr>
<td>Food Grade Color</td>
<td>3844-45-9</td>
<td>&lt;0.1%</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>Balance</td>
</tr>
</tbody>
</table>

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.
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
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:

TSIA 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.

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