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:
Hazard status: Not hazardous by OSHA HazCom 2012 criteria
Color: Light blue green
Physical State: High Viscosity liquid
Odor: Mild
Hazards: May cause allergic skin reaction in sensitive individuals. Slippery
Eye: May cause irritation.
Skin: Essentially nonirritating
Inhalation: Not applicable at room temperature.
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
Component | CAS # | WT %
--- | --- | ---
Propylene Glycol | 57-55-6 | <35.0%
Polymers | 9003-01-4 | <2.0%
Corrosion Inhibitors | 84812-94-2 | <4.0%
Sodium Molydate | 7631-85-0 | <2.0%
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. Keep away from children and adults with dementia.

Eyes: Irritation
Skin: None expected
Inhalation: Not normally a hazard
Ingestion: Not normally a hazard

Symptoms/Effects: None expected
Treatment Recommendations:
Flush eyes with plenty of water. Remove contacts after 1-2 minutes; flush for several minutes.
Remove with dry cloth or paper towel; rinse away residue with water. Seek medical attention if irritation persists.
If exposed to excessive vapors, move to fresh air; get medical attention if cough or symptoms.
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: 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 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.
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:
Skin: Wear safety glasses with side shields or other chemical appropriate eye protection.
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: 60,000 cps Brookfield
**SAFETY DATA SHEET**

**UltraSoniX ™**

**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:** None

**Flash Point:** Not Flammable

**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

**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 of Exposure:** See section 2

**Effects of Exposure:***

**Immediate:** See section 2

**Delayed or 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

### 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:** 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 nor listing under California Proposition 65.

### SECTION 16 – OTHER INFORMATION

**SDS Preparation Date:** 8 December 2013

**Last Revision:** 22 May 2015

**Changes from Last Revision:** Compliance with GHS Guidelines

**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.