



SAFETY DATA SHEET ECONOgel™

SECTION 1 – IDENTIFICATION

Product Name: ECONOgel™ and ECONOgel ER
Recommended Use: Industrial Ultrasound Couplant
Restrictions on Use: For Industrial Use Only

Manufacturer: Echo Ultrasonics® LLC
774 Marine Drive, Bellingham, WA 98225
360-671-9121 www.echoultrasonics.com
Emergency: US: 1-800-255-3924 Outside US: +1-813-248-0585

SECTION 2 – HAZARDS

General Information: ECONOgel is not hazardous by OSHA HazCom 2012 Criteria
Color: Light 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 quantity, 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	<6.5% (*ER < 40%)
Polymers	9004-34-6	<4.5 %
Corrosion Inhibitors	84812-94-2	<2.0 %
Sodium Molybdate	7631-95-0	< 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.

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: Irritation (from fumes)	If exposed to excessive vapors or mists, 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

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 and drainage systems. Sweep or shovel spilled material into containers, wipe area with wet rags or hose with water to remove completely. ECONOgel 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 in a cool, dry area, between 0 – 35° C (32 - 95° F)
Keep away from children and adults with dementia.

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 green high viscosity liquid
Odor: Mild
Odor Threshold: No data
Solubility: 100% in water
pH: 8



Viscosity: Pourable liquid
Flammable Limits: Non Flammable
Vapor Pressure: 1
Vapor Density: 1.1 (water = 1)
Relative Density: Not applicable
Freezing Point: 26°F, -3.3°C (Winterized <0°F, -18°C)
Boiling Point: >210°F, 100°C
Evaporation Rate: No data
Flammability: Non flammable
Flash Point: Not applicable
Partition Coefficient: No data
Volatile Organic Compounds (VOC): Less than 1.00% (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 and Effects of Exposure: See section 2
Immediate: See section 2
Delayed or Chronic Symptoms: No data
Carcinogenicity: No data

SECTION 12 – ECOLOGICAL INFORMATION

Toxicology Data: Not expected to be acutely toxic to aquatic organisms
Environmental Persistence/Degradation: Biodegradation is expected
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: Small quantities generally permissible
Special Precautions for Landfills or Incinerators: None

SECTION 14 – TRANSPORT INFORMATION

UN Number and Proper Shipping Name: Not assigned
Transport Hazard Class: None
Packing Group: None
Environmental Hazards or Special Precautions: 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: 4 October 2015
Last Revision: June 13, 2017
Changes from Last Revision: Modified Emergency Contact Information
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.