



Safety Data Sheet

Ultrasound Gel

Section 1. Identification

Product Identifier	Ultrasound Gel		
Synonyms	MDS092005; MDS092010; MSD_SDS0046		
Manufacturer Stock Numbers	MDS092005; MDS092010		
Recommended use	Ultrasound gel.		
Uses advised against	No additional information available.		
Manufacturer Contact Address	Medline 3 Lakes Drive Northfield, IL, 60093 USA		
	Phone	Emergency Phone	Fax
	(800) 633-5463	(800) 424-9300 CHEMTREC	(847) 643-4436
	Website		
	www.Medline.com		

Section 2. Hazards Identification

Classification	No OSHA Hazard Classifications Applicable - Category N.A.
Signal Word	
Pictogram	
Hazard Statements	No OSHA Hazard Classifications Applicable
Precautionary Statements	
Response	N/A
Prevention	N/A
Storage	N/A

Disposal	N/A
Ingredients of unknown toxicity	0%
Hazards not Otherwise Classified	No Data Available

Section 3. Ingredients

CAS	Ingredient Name	Weight %
57-55-6	Propane-1,2-diol	0.5% - 2%
9003-01-4	Carbomer	0.3% - 1%
102-71-6	Triethanolamine	0.3% - 1%

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

Inhalation:	Remove person to fresh air and keep comfortable for breathing.
Skin Contact:	Wash skin with plenty of water.
Eye Contact:	Rinse eyes with water as a precaution.
Ingestion:	Call a poison center or a doctor if you feel unwell.
Most important symptoms and effects, both acute and delayed:	No additional information available
Indication of Any Immediate Medical Attention and Special Treatment Needed:	Treat symptomatically.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable Extinguishing Media	N.D.
Hazardous decomposition products in case of fire:	Toxic fumes may be released.
Protection during firefighting:	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

Section 6. Accidental Release Measures

For non-emergency personnel:	Emergency procedures: Ventilate spillage area.
For emergency responders:	Protective equipment: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Environmental precautions:	Avoid release to the environment.
Methods and material for containment and cleaning up:	Methods for cleaning up: Take up liquid spill into absorbent material. Other information: Dispose of materials or solid residues at an authorized site.
Reference to other sections:	For further information refer to section 13.

Section 7. Handling and Storage

Precautions for safe handling:	Precautions for safe handling: Ensure good ventilation of the work station. Wear personal protective equipment. Hygiene measures: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
Conditions for safe storage, including any incompatibilities:	Store in a well-ventilated place. Keep cool. Keep away from heat and direct sunlight.
Specific End use(s):	No additional information available.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Propane-1,2-diol	N/A	N/A	N/A
	Carbomer	N/A	N/A	N/A
	Triethanolamine	TWA: 5 mg/m3	N/A	N/A
Personal Protective Equipment	Goggles, Gloves			
Appropriate Engineering Controls:	Ensure good ventilation of the work station.			
Hand Protection:	Protective gloves.			
Eye Protection:	Safety glasses.			
Skin and body protection:	Wear suitable protective clothing.			
Respiratory protection:	In case of insufficient ventilation, wear suitable respiratory equipment.			
Environmental exposure controls:	Avoid release to the environment.			

Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Blue gel
Odor	N.D.
Odor Threshold	N.D.
Solubility	N.D.
Partition coefficient Water/n-octanol	N.D.
VOC%	N/A
Viscosity	N.D.
Specific Gravity	N/A
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	N.D.
FP Method	N.D.
pH	N.D.
Melting Point	N.D.
Boiling Point	N.D.
Boiling Range	N.D.
LEL	N/A
UEL	N/A
Evaporation Rate	N.D.
Flammability	N.A.
Decomposition Temperature	N.D.
Auto-ignition Temperature	N.D.
Vapor Pressure	N.D.
Vapor Density	N.D.

Section 10. Stability and Reactivity

Reactivity:	The product is non-reactive under normal conditions of use, storage and transport.
Chemical Stability:	Stable under normal conditions.
Possibility of hazardous reactions:	No dangerous reactions known under normal conditions of use.
Conditions to avoid:	None under recommended storage and handling conditions (see section 7).
Incompatible Materials:	No additional information available.
Hazardous Decomposition or Byproducts:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological Information

Acute Toxicity: Propane-1,2-diol CAS No. 57-55-6
LD50 oral rat: > 10400 mg/kg
LD50 dermal rabbit: 20800 mg/kg

Triethanolamine CAS No. 102-71-6
LD50 oral rat: > 4000 mg/kg
LD50 dermal rabbit: > 2000 mg/kg

Skin corrosion/irritation: Not classified.

Serious Eye Damage/Eye irritation: Not classified.

Respiratory/Skin sensitization: Not classified.

Germ cell mutagenicity: Not classified.

Carcinogenicity: Not classified.

Reproductive toxicity: Not classified.

Specific Target Organ Toxicity - Single Exposure: Not classified.

Specific Target Organ Toxicity - Repeated Exposure: Not classified.

Aspiration hazard: Not classified.

Section 12. Ecological Information

Toxicity: Ecology - general:
The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Propane-1,2-diol CAS No. 57-55-6
LC50 fish: 46500 mg/kg (Pimephalas Promelas)
EC50 daphnia: 43500 (Daphnia Manga)
EC50 72h algae: 24200 mg/l (Selenastrum Capricornutum)

Triethanolamine CAS No. 102-71-6
LC50 fish: > 1000 mg/l (Pimephales Promelas)
LC50 other aquatic organisms: 525 mg/l (Bacteria - Photobacterium Phosphoreum)
EC50 daphnia: 1386 (Daphnia Manga)
EC50 72h algae: 216 mg/l (Scenedesmus Subspicatus)

Persistence and degradability: Propane-1,2-diol CAS No. 57-55-6
Persistence and degradability: Readily biodegradable.

Triethanolamine CAS No. 102-71-6
Persistence and degradability: Readily biodegradable.

Bioaccumulative potential: Propane-1,2-diol CAS No. 57-55-6
Log Pow: -0.92
Bioaccumulative potential: Not expected to be bioaccumulative.

	Triethanolamine CAS No. 102-71-6 Bioaccumulative potential: Not bioaccumulable.
Mobility in soil:	Propane-1,2-diol CAS No. 57-55-6 Ecology - soil: Soluble in water. Spillages may cause the contamination of ground water by penetrating to the soil.
	Triethanolamine CAS No. 102-71-6 Ecology - soil: Soluble in water. Spillages may cause the contamination of ground water by penetrating to the soil.
Results of PBT and vPvB assessment:	No additional information available
Other adverse effects:	No additional information available.

Section 13. Disposal

Waste treatment methods: Dispose of contents/container in accordance with licensed collector's sorting instructions.

Section 14. Transport Information

UN Number	N/A
UN Proper Shipping Name	Not Regulated
DOT Classification	Not Regulated
Packing Group	Not Regulated
IMDG:	Not Regulated
IATA:	Not Regulated

Section 15. Regulatory Information

SARA 311/312:	Refer to Section 2 of the SDS.
SARA 302:	N.A.
SARA 304:	N.A.
SARA 313:	N.A.
TSCA:	All components are listed or exempt.
CERCLA Hazardous Substance List:	N.A.
Clean Air Act (CAA) Section 112, 112 (r):	N.A.
New Jersey Right to Know Components:	Propylene Glycol Triethanolamine
Pennsylvania Right to Know Components:	1,2-Propanediol Triethanolamine
Rhode Island Right to Know Components:	Propylene Glycol Triethanolamine

Section 16. Other Information

Revision Date

1/6/2023

Legend

N.A. - Not Applicable
N.E. - Not Established
N.D. - Not Determined

Additional Information:

The information contained herein is furnished without warranty or legal responsibility of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees.