



# Safety Data Sheet

## Skintegrity Hydrogel

### Section 1. Identification

Product Identifier	Skintegrity Hydrogel		
Synonyms	MSC6022; MSC6044; MSC6102; MSC6104; MSC6144; MSD_SDS0031		
Manufacturer Stock Numbers	MSC6022; MSC6044; MSC6102; MSC6104; MSC6144		
Recommended use	Hydrogel dressing for wound management		
Uses advised against	No 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	If exposed or concerned: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a

	POISON CENTER or doctor IF ON SKIN: Wash with plenty of water and soap If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see supplemental first aid instructions on this label) Take off contaminated clothing and wash it before reuse.
Prevention	Avoid breathing dust/fume/gas/mist/vapors/spray Contaminated work clothing must not be allowed out of the workplace. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Wash face, hands and any exposed skin thoroughly after handling Wear protective gloves/protective clothing/eye protection/face protection.
Storage	Keep containers tightly closed in a dry, cool and well-ventilated place.
Disposal	Dispose of contents/container to an approved waste disposal plant

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified

Other information: Harmful to aquatic life with long lasting effects.

### Section 3. Ingredients

CAS	Ingredient Name	Weight %
56-81-5	Glycerin	10% - 25%
102-71-6	Triethanolamine	1% - 5%
50-70-4	Sorbitol	1% - 5%

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

### Section 4. First-Aid Measures

General advice:	Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.
Inhalation:	Remove to fresh air. Get medical attention immediately if symptoms occur.
Eye contact:	Get immediate medical advice/attention. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area.
Skin contact:	Wash off immediately with soap and plenty of water for at least 15 minutes. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.
Ingestion:	Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.
Self-protection of the first aider:	Avoid contact with eyes. Wear personal protective clothing (see section 8).

Most important symptoms and effects, both acute and delayed: Burning sensation. Itching. Rashes. Hives.

Indication of any immediate medical attention and special treatment needed: Note to Physicians:  
May cause sensitization in susceptible persons. Treat symptomatically.

## Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable Extinguishing Media	Do not scatter spilled material with high pressure water streams. CAUTION: Use of water spray when fighting fire may be inefficient.
Specific hazards arising from the chemical:	Product is or contains a sensitizer. May cause sensitization by skin contact.
Hazardous combustion products:	Carbon oxides.
Explosion Data:	Sensitivity to Mechanical Impact: None. Sensitivity to Static Discharge: None.
Special protective equipment for fire-fighters:	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:	Personal precautions: Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Ensure adequate ventilation. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.  Other Information: Refer to protective measures listed in Sections 7 and 8.
Methods and Materials for Containment and Cleaning up:	Methods for Containment: Prevent further leakage or spillage if safe to do so.  Methods for Cleaning up: Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

## Section 7. Handling and Storage

Precautions for safe handling:	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Take off contaminated clothing and wash before reuse. Remove contaminated clothing and shoes.
Conditions for safe storage, including any incompatibilities:	Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children.

## Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Glycerin	TWA: 10 mg/m <sup>3</sup> (mist)	TWA: 15 mg/m <sup>3</sup> mist, total particulate TWA: 5 mg/m <sup>3</sup> mist, respirable fraction (vacated) TWA: 10 mg/m <sup>3</sup> mist, total particulate (vacated) TWA: 5 mg/m <sup>3</sup> mist, respirable fraction	N/A
	Triethanolamine	TWA: 5 mg/m <sup>3</sup>	N/A	N/A
	Sorbitol	N/A	N/A	N/A

### Personal Protective Equipment

#### Appropriate engineering controls:

Goggles, Gloves, Apron

Showers; Eyewash stations; Ventilation systems

#### Individual protection measures, such as personal protective equipment:

Eye/face protection: Tight sealing safety goggles.

Hand protection: Wear suitable gloves. Impervious gloves.

Skin and body protection: Wear suitable protective clothing. Long sleeved clothing.

Respiratory protection: No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations: Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

## Section 9. Physical and Chemical Properties

Physical State	Clear Gel
Color	Colorless
Odor	Characteristic
Odor Threshold	N/D
Solubility	N/D
Partition coefficient Water/n-octanol	N/D
VOC%	N/A
Viscosity	55,000 cps
Specific Gravity	N/A
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	N/D
FP Method	N/D
pH	6

Melting Point	N/D
Boiling Point	N/D
Boiling Range	N/D
LEL	N/A
UEL	N/A
Evaporation Rate	N/D
Flammability	N/D
Decomposition Temperature	N/D
Auto-ignition Temperature	N/D
Vapor Pressure	N/D
Vapor Density	N/D

## Section 10. Stability and Reactivity

Reactivity: No information available.  
 Chemical Stability: Stable under normal conditions.  
 Possibility of Hazardous Reactions: None under normal processing.  
 Hazardous Polymerization: Hazardous polymerization does not occur.  
 Conditions to avoid: None known based on information supplied.  
 Incompatible materials: Strong acids. Strong bases. Strong oxidizing agents.  
 Hazardous Decomposition Products: Carbon oxides.

## Section 11. Toxicological Information

Information on likely routes of exposure: Inhalation:  
 Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.  
  
 Eye contact:  
 Specific test data for the substance or mixture is not available. Severely irritating to eyes. Causes serious eye damage. May cause burns. May cause irreversible damage to eyes. (based on components).  
  
 Skin contact:  
 Specific test data for the substance or mixture is not available. May cause sensitization by skin contact. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. (based on components). Causes skin irritation.  
  
 Ingestion:  
 Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Information on toxicological effects: Symptoms:  
 Redness. Burning. May cause blindness. Itching. Rashes. Hives. May cause redness and tearing of the eyes.

Numerical measures of toxicity:	Acute Toxicity The following values are calculated based on chapter 3.1 of the GHS document. ATEmix (oral): 9,428.60 mg/kg
Skin corrosion/irritation:	No information available.
Serious Eye Damage/Irritation:	No information available.
Respiratory/skin sensitization:	No information available.
Germ cell mutagenicity:	No information available.
Carcinogenicity:	No information available.
Reproductive toxicity:	No information available.
Specific Target Organ Toxicity - Single Exposure:	No information available.
Specific Target Organ Toxicity - Repeated Exposure:	No information available.
Aspiration Hazard:	No information available.

## Section 12. Ecological Information

Ecotoxicity:	No information available.
Persistence and degradability:	No information available.
Bioaccumulation:	Component: Glycerin (CAS No. 56-81-5) Log Pow: -1.76
Mobility:	No information available.
Other Adverse Effects:	No information available.

## Section 13. Disposal

**Waste treatment methods:** Waste from residues/unused products:  
Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging:  
Do not reuse empty containers.

## 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.
TSCA:	N.A.
CERCLA Hazardous Substance List:	N.A.
Clean Air Act (CAA) Section 112, 112 (r):	N.A.
New Jersey Right to Know Components:	GLYCERIN. TRIETHANOLAMINE.
Pennsylvania Right to Know Components:	1,2,3-PROPANETRIOL. ETHANOL, 2,2',2"-NITRILOTRIS-.
Rhode Island Right to Know Components:	glycerol. Triethanolamine
Massachusetts Right to Know Components:	N.A.

## Section 16. Other Information

Revision Date 1/6/2023

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

HMIS (U.S.A.): Health 0  
HMIS (U.S.A.): Flammability 0  
HMIS (U.S.A.): Physical 0  
HMIS (U.S.A.): Personal Protection X  
National Fire Protection Association (U.S.A): Health Hazard 0  
National Fire Protection Association (U.S.A): Fire Hazard 0  
National Fire Protection Association (U.S.A): Instability Hazard 0

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