



# Safety Data Sheet

## CURAD Silver Solution Wound Gel

### Section 1. Identification

Product Identifier	CURAD Silver Solution Wound Gel		
Synonyms	CUR45951GS; CUR45951GSV1; CUR45951LC; GSTUBE05V1 MSD_SDS0362		
Manufacturer Stock Numbers	CUR45951GS; CUR45951GSV1; CUR45951LC; GSTUBE05V1		
Recommended use	For use on minor burns, superficial cuts, lacerations, abrasions and minor irritations of the skin. Under the supervision of a healthcare professional, it is indicated for pressure ulcers, venous stasis ulcers, diabetic ulcers, 1st and 2nd degree burns and surgical wounds where infection exists or threatens.		
Uses advised against	No information available.		
Manufacturer Contact Address	Medline Industries, Inc. 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	This material is considered not hazardous as defined by OSHA 29 CFR 1910.1200 - Category N/A
Signal Word	
Pictogram	

**Hazard Statements** While this material is not classified as hazardous under OSHA regulations, this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

**Precautionary Statements**

**Response** N/A  
**Prevention** Obtain special instructions before use.  
**Storage** N/A  
**Disposal** N/A

**Ingredients of unknown toxicity** 1%

**Hazards not Otherwise Classified**

**Emergency Overview:** The product contains no substances which at their given concentration, are considered to be hazardous to health.

**Other information:** Toxic to aquatic life with long lasting effects. Very toxic to aquatic life. May cause slight eye irritation.

**Interactions with Other Chemicals:** No information available.

## Section 3. Ingredients

CAS	Ingredient Name	Weight %
56-81-5	Glycerin	Trade Secret %
102-71-6	Triethanolamine	Trade Secret %
7732-18-5	Water	Trade Secret %
9003-01-4	Carbomer	Trade Secret %
7761-88-8	Silver Nitrate	Trade Secret %
7647-14-5	Sodium Chloride	Trade Secret %

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

## Section 4. First-Aid Measures

**Eye contact:** Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.

**Skin Contact:** Wash with soap and water.

**Inhalation:** Remove to fresh air.

**Ingestion:** Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person.

**Most important symptoms and effects, both acute and delayed:** No information available.

**Indication of Any Immediate Notes to Physician:** Treat symptomatically.

**Medical Attention and**

**Special Treatment Needed:**

## Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable Extinguishing Media	CAUTION: Use of water spray when fighting fire may be inefficient.
Specific hazards arising from the chemical:	No information available.
Hazardous combustion products:	Carbon oxides.
Explosion data:	Sensitivity to Mechanical Impact: No Sensitivity to Static Discharge: No
Protective equipment & precautions for firefighters:	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:	Personal Precautions: Avoid contact with eyes.
Environmental Precautions:	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: Pick up and transfer to properly labeled containers. Soak up with inert absorbent material.

## Section 7. Handling and Storage

Precautions for safe handling:	Handling: Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.
Conditions for safe storage, including any incompatibilities:	Storage: Keep container tightly closed.  Incompatible Products: None known based on information supplied.

## Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Glycerin	10 mg/m3 (mist)	Total dust: 15 mg/m3 Respirable fraction: 5 mg/m3 TWA: 5mg/m3	N/A
	Triethanolamine	TWA: 5 mg/m3	N/A	N/A
	Water	N/A	N/A	N/A
	Carbomer	N/A	N/A	N/A
	Silver Nitrate	N/A	N/A	N/A
	Sodium Chloride	N/A	N/A	N/A

Personal Protective Equipment

N/A

Other Exposure Guidelines:

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992)

Appropriate Engineering Controls:

Engineering Measures:  
Showers; Eyewash stations; Ventilation systems

Individual protection measures, such as personal protective equipment:

Eye/Face Protection:  
No special protective equipment required.

Skin and Body Protection:  
No special protective equipment required.

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.

Hygiene Measures:  
Handle in accordance with good industrial hygiene and safety practice.

## Section 9. Physical and Chemical Properties

Physical State	Gel liquid
Color	Clear to light yellow
Odor	Characteristic
Odor Threshold	N.D.
Solubility	N.D.
Partition coefficient Water/n-octanol	N.D.
VOC%	N/A
Viscosity	60000
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 data available.
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions:	None under normal processing.
Hazardous Polymerization:	Hazardous polymerization will not occur.
Conditions to avoid:	None known based on information supplied.
Incompatible materials:	None known based on information supplied.
Hazardous Decomposition Products:	Carbon oxides.

## Section 11. Toxicological Information

Information on Likely Routes of Exposure:	<p>Product information:</p> <p>Eye Contact: Specific test data for the substance or mixture is not available.</p> <p>Skin Contact: Specific test data for the substance or mixture is not available.</p> <p>Inhalation: Specific test data for the substance or mixture is not available.</p> <p>Ingestion: Specific test data for the substance or mixture is not available.</p>
Component Information:	<p>Glycerin CAS-No. 56-81-5</p> <p>Dermal LD50 &gt; 10 g/kg (Rabbit)</p>

	Triethanolamine CAS-No. 102-71-6
	Oral LD50
	= 4190 mg/kg (Rat)
	Dermal LD50
	> 20 mL/kg (Rabbit)
Information on Toxicological Effects:	Symptoms: No information available.
Sensitization:	No information available.
Mutagenic Effects:	No information available.
Carcinogenicity:	Triethanolamine CAS No. 102-71-6 IARC listed: Group 3 Group 3 - Not Carcinogenic to Humans.
Reproductive Toxicity:	No information available.
Specific Target Organ Toxicity - Single Exposure:	No information available.
Specific Target Organ Toxicity - Repeated Exposure:	No information available.
Chronic Toxicity:	No known effect based on information supplied. Carcinogenic potential is unknown.
Target Organ Effects:	None known.
Aspiration Hazard:	No information available.
Numerical Measures of Toxicity Product Information:	The following values are calculated based on chapter 3.1 of the GHS document: Not applicable.

## Section 12. Ecological Information

Ecotoxicity:	Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.
	Glycerin CAS-No. 56-81-5
	Toxicity to Fish: 96h LC50: 51 -57 mL/L (Oncorhynchus mykiss)
	Daphnia Magna (Water Flea): 24h EC50: > 500 mg/L
	Triethanolamine CAS-No. 102-71-6
	Toxicity to Algae: 96h EC50: = 169 mg/L (Desmodesmus subspicatus) 72h EC50: = 216 mg/L (Desmodesmus subspicatus)
	Toxicity to Fish: 96h LC50: 10600 - 13000 mg/L (Pimephales promelas) 96h LC50: > 1000 mg/L (Pimephales promelas) 96h LC50: 450 - 1000 mg/L (Lepomis macrochirus)
	Daphnia Magna (Water Flea): 24h EC50: = 1386 mg/L
Persistence/degradability:	No information available.
Bioaccumulation:	Glycerin CAS-No. 56-81-5
	Log Pow: -1.76
	Triethanolamine CAS-No. 102-71-6
	Log Pow: -2.53
Other Adverse Effects:	No information available.

## Section 13. Disposal

Disposal methods:	This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.
Contaminated packaging:	Dispose of contents/containers in accordance with local regulations. This product contains one or more substances that are listed with the State of California as a hazardous waste.

## Section 14. Transport Information

UN Number	N/A
UN Proper Shipping Name	Not Regulated
DOT Classification	Not Regulated
Packing Group	Not Regulated
IATA:	Not Regulated
IMDG:	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:	Silver nitrate.
TSCA:	All components are listed or exempt.
CERCLA Hazardous Substance List:	Silver Nitrate.
Clean Air Act (CAA) Section 112, 112 (r):	N.A.
New Jersey Right to Know Components:	GLYCERIN. TRIETHANOLAMINE. SILVER NITRATE.
Pennsylvania Right to Know Components:	1,2,3-PROPANETRIOL. ETHANOL, 2,2',2"-NITRILOTRIS-. NITRIC ACID SILVER(1+) SALT.
Rhode Island Right to Know Components:	glycerol(glycerin mist). Triethanolamine. Silver nitrate.
Massachusetts Right to Know Components:	SILVER NITRATE.

## Section 16. Other Information

Revision Date

6/30/2020

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

Hazard

HMIS (U.S.A.): Personal Protection X

National Fire Protection 0

Association (U.S.A): Health Hazard

National Fire Protection 0

Association (U.S.A): Fire Hazard

National Fire Protection 0

Association (U.S.A): Instability Hazard

National Fire Protection -

Association (U.S.A): Physical and Chemical Properties:

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.