

# SAFETY DATA SHEET (SDS)

According to 1907/2006/EC, Article 31



May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

## Section I – Identification of the substance/mixture and of the company/undertaking

IDENTITY (As Used on Label and List) <b>DERMASYN AG (Item#00510)</b>		<i>Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.</i>	
Manufacturer's Name <b>DermaRite Industries</b>		Emergency Telephone Number <b>(973) 569-9000</b>	
Address (Number, Street, City, State, and ZIP Code) <b>7777 West Side Avenue, North Bergen, NJ 07047</b>		Telephone Number for Information <b>(973) 569-9000</b>	

## Section II – Hazardous identification

List all hazards regarding the material

HAZARDOUS COMPONENT:

**INACTIVE INGREDIENT-TRIETHANOLAMINE; ACTIVE INGREDIENT: SILVER**

List all required label requirement

**Product designation: SILVER HYDROSOL IN WATER BASED GEL**

Signs and Symptoms of Exposure and Required Treatments

**Product, as shipped, is not irritating to skins, lungs, eyes or mucous membranes. Exposure to, or ingestion of, moderate amounts of this product are not typically harmful. However, chronic long term ingestion of silver or silver salts may cause argyria, a medically benign discoloration of the skin, eyes, mucous membranes. In addition, nephrotoxicity has been demonstrated with excessive exposure to silver. Argyria and nephrotoxicity are extremely unlikely to occur with this product due to its low concentration of contained silver.**

Recommended use and restriction of use

**FOR EXTERNAL USE ONLY.**

## Section III – Composition/Information on Ingredients

Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits	
			Recommended	% (optional)
OTHER COMPONENTS:				
<b>ACTIVE INGREDIENTS: PROPYLENE GLYCOL, INACTIVE INGREDIENT: CARBOPOL ETD 2020, PURIFIED WATER</b>				

## Section IV – First aid measures

**SKIN: NOT REQUIRED; INGESTION: NOT REQUIRED; INHALATION: NOT REQUIRED; EYES: NOT REQUIRED**

## Section V – Fire Fighting measures

Flash Point (Method Used)	<b>NONE</b>	Flammable Limits	LEL	UEL
		<b>NONE</b>	<b>NONE</b>	<b>NONE</b>
Extinguishing Media				
<b>Product as shipped is non-flammable.</b>				
<b>Suitable extinguishing media: Water contact acceptable.</b>				
Special Fire Fighting Procedures				
<b>NONE</b>				
Unusual Fire and Explosion Hazards				
<b>NONE</b>				

**Section VI – Accidental release measures**

Steps to Be Taken in Case Material Is Released or Spilled

**NONE**

Respiratory Protection (*Specify Type*)

**NONE.**

Ventilation

**No**

**Normal work clothes**

**Normal working conditions**

Protective Gloves

Other Protective Clothing or Equipment

Work/Hygienic Practices

**Section VII– Handling and Storage**

Precautions to Be Taken in Handling and Storing

**STORE AT OPRDERNARY ROOM TEMPERATURE.**

Incompatibilities

**NONE**

**Section VIII – Exposure controls/personal protection**

OSHA’s Permissible Exposure Limits (PELs)

**Work place limits for silver in air are 0.1 mg/m<sup>3</sup> TLV (ACGIH 1987-88), 0.01 mg/m<sup>3</sup> (OSHA-Dust & fume)**

Threshold limit values (TLVs)

**NONE**

Appropriate engineering controls

**NONE**

Personal protective equipment (PPE)

**ONLY IN CASE OF FIRE**

**Section IX – Physical and chemical properties**

		Specific Gravity (H <sub>2</sub> O = 1)	<b>N/A</b>
Boiling Point	<b>100 °C</b>	Melting Point	<b>N/A</b>
Vapor Density (AIR = 1) At 20°C	<b>N/A</b>	Evaporation Rate (Butyl Acetate = 1)	<b>AS FOR WATER</b>
Solubility in Water	<b>MISCIBLE</b>		
Appearance and Odor	<b>ODORLESS AND CLEAR SILVER HYDROSOL IN WATER BASED GEL</b>		

**Section X – Stability and Reactivity Data**

Stability	Unstable	Conditions to Avoid
	Stable	<b>NONE</b>
	<b>X</b>	
Incompatibility ( <i>Materials to Avoid</i> )	<b>NONE</b>	
Hazardous Decomposition or Byproducts		
Hazardous Polymerization	May Occur	
<b>None known</b>	Will Not Occur	

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**Section XI – Toxicological Information**

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Route(s) of Entry:	Inhalation? <b>NO DATA</b>	Skin? <b>NO DATA</b>	Ingestion? <b>NO DATA</b>
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Health Hazards (*Acute and Chronic*)  
**NONE ANTICIPATED**

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<i>Carcinogenicity:</i> <b>NONE ANTICIPATED</b>	NTP? <b>NO DATA</b>	IARC Monographs? <b>NO DATA</b>	OSHA Regulated? <b>NO DATA</b>
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Signs and Symptoms of Exposure  
**NONE ANTICIPATED**

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Medical Conditions Generally Aggravated by Exposure **NONE**

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Emergency and first aid procedures  
**IN CASE OF SKIN IRRITATION, DISCONTINUE CONTACT AND WASH AREA WITH WATER.**

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**Section XII – Ecological Information**

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**This product may be toxic to fish or other aquatic wildlife.**

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**Section XIII – Disposal Consideration**

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Waste Disposal Method  
**The product can be disposed of according to relevant national or local regulations pertaining to the disposal on non-hazardous waste.**

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**Section XIV– Transport Information**

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**Ordinary conditions are acceptable.**

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**Section XV– Regulatory Information**

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**Silver, Total is listed as a toxic pollutant (in water) pursuant to 40CFR 122.21, Appendix D, Table II Notification levels are describe in 40 CFR 122.42(a) (1) and 122.42(a) (2). Due to the low solubility of silver and its low silver content, this product is likely to exceed notification level. There may be specific regulations at the local, regional or state level that pertains to this material.**

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**Section XVI – Other Information**

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Date Prepared  
**1/29/2015**

Signature of Preparer (*optional*)

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