

# 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>DERMAPREP (Item#81050)</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

**NFPA RATINGS: Flammability=3; Health=1; Reactivity=0; Special hazards= None**

List all required label requirement

**Product designation: LIQUID SKIN PROTECTANT**

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)
<b>Component Name</b>	<b>CAS#/Codes</b>	<b>Concentration</b>	<b>Risk Phrases</b>	<b>Safety Phrases</b>
<b>ISOPROPYL ALCOHOL</b>	<b>67-63-0</b>	<b>&gt;60%</b>	<b>Highly flammable Irritating to eyes Vapors may cause drowsiness and dizziness</b>	<b>Keep out of reach of children Keep away from source of ignition-No smoking . Avoid contact with eyes.</b>

**THE ABOVE RAW MATERIALS ARE RAW MATERIALS THAT UNDERGO PROCESSING, DILUTION AND ABSORPTION INTO A NON-WOVEN PAD AND ENCLOSURE IN POUCH. UPON COMPLETION OF MANUFACTURING PROCESS THE MATERIAL DOES NOT POSSESS THE OCCUPATIONAL HEALTH RISKS ASSOCIATED WITH EXPOSURE TO INDILUTED RAW MATERIALS LISTED ABOVE.**

## Section IV – First aid measures

Signs and Symptoms of Exposure and Required Treatments

- 1. IN CASE OF SKIN IRRITATION, DISCONTINUE CONTACT AND WASH AREA WITH WATER.**
- 2. IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.**

## Section V – Fire fighting measures

Flash Point (Method Used)	<b>NONE</b>	Flammable Limits	<b>NONE</b>	LEL	<b>NONE</b>	UEL	<b>NONE</b>
Extinguishing Media	<b>Water, CO2, Foam</b>						
Special Fire Fighting Procedures	<b>NONE</b>						
Unusual Fire and Explosion Hazards	<b>VAPOR CAN TRAVEL A CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASHBACK. FLASH BACK CAN OCCUR IF AIR TEMPERATURE EXCEEDS THE FLASHPOINT. BE AWARE OF POSSIBLE RE-IGNITION.</b>						

(Reproduce locally)

**Section VI – Accidental release measures**

Steps to Be Taken in Case Material Is Released or Spilled

**SOAK UP LIQUID WITH INERT ABSORBENT MATERIAL. SWEEP UP AND SHOVEL INTO SUITABLE CONTAINERS FOR DISPOSAL.**

Respiratory Protection (*Specify Type*)

**Not applicable.**

**Not applicable.**

Ventilation

**USE ADEQUATE VENTILATION**

**No**

Protective Gloves

**Normal work clothes**

Other Protective Clothing or Equipment

**Normal working conditions**

Work/Hygienic Practices

**Section VII– Handling and Storage**

Precautions to Be Taken in Handling and Storing

**Storage in dry place at room temperature. Use in well ventilated area.**

**Avoid the following: Heat, high temperatures, static discharge, exposure to direct sunlight and mechanical shocks.**

Incompatibilities

**Strong oxidizing agents, acids, halogens, aluminum, acid anhydrides.**

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

OSHA's Permissible Exposure Limits (PELs)

**NONE**

Threshold limit values (TLVs)

**NONE**

Appropriate engineering controls

**NONE**

Personal protective equipment (PPE)

**NONE**

**Section IX – Physical and chemical properties**

pH	<b>No data</b>	Specific Gravity (H <sub>2</sub> O = 1)	<b>0.8405</b>
Flash Point	<b>20 °C</b>	Melting Point	<b>N/A</b>
Vapor Density (AIR = 1) At 20°C	<b>2.1</b>	Evaporation Rate (Butyl Acetate = 1)	<b>N/A</b>

Solubility in Water

**Miscible**

Appearance and Odor

**NON-WOVEN CLOTH SATURATED WITH CLEAR LIQUID; ALCOHOLIC ODOR**

**Section X – Stability and Reactivity Data**

Stability	Unstable	Conditions to Avoid
		<b>NONE</b>
	Stable	<b>X</b>

Incompatibility (*Materials to Avoid*)

**Strong oxidizing agents, acids, halogens, aluminum, acid anhydrides.**

Hazardous Decomposition or Byproducts

**Oxides of carbon**

Hazardous Polymerization

May Occur

**NONE KNOWN**

Will Not Occur

**X**

(Reproduce locally)

**Section XI – Toxicological Information**

Route(s) of Entry:	Inhalation? <b>YES</b>	Skin? <b>YES</b>	Ingestion? <b>YES</b>
Health Hazards ( <i>Acute and Chronic</i> )			
<b>ACUTE TOXICITY:</b> Low order of acute toxicity predicted. Material may be harmful by skin absorption. Isopropyl Alcohol: Oral LD50 (rat) 5045 mg/kg. Dermal LD50 (rabbit) 12800 mg/kg. Inhalation LCLO (rat) 16000ppm 4h			
<b>CHRONIC TOXICITY:</b> This product is not expected to cause long term adverse health effects.			
(Isopropyl Alcohol) IARC assessment: Chronic/subchronic studies resulted in adverse effects to : liver, spleen; biochemical effects; brain tissue degeneration, changes in reflex behavior, sensory nerve damage.			
<b>GENOTOXICITY:</b> This product is not expected to cause mutagenic effects.			
<b>Reproductive/Developmental Toxicity:</b> This product is not expected to cause reproductive or developmental health effects.			
Carcinogenicity:			
<b>(Isopropyl Alcohol) IARC assessment: this product is not classifiable as its carcinogenic to humans (Group 3).</b>			
	NTP? <b>N/A</b>	IARC Monographs? <b>N/A</b>	OSHA Regulated? <b>N/A</b>
Signs and Symptoms of Exposure <b>NONE ANTICIPATED</b>			
Medical Conditions Generally Aggravated by Exposure <b>NONE</b>			
Emergency and first aid procedures <b>IN CASE OF SKIN IRRITATION, DISCONTINUE CONTACT AND WASH AREA WITH WATER.</b>			

**Section XII – Ecological Information**

1. <b>Mobility (Isopropyl Alcohol):</b> If released to soil, isopropyl alcohol is expected to have high mobility.
2. <b>Persistence/Degradability (Isopropyl Alcohol):</b> IPA is readily degraded in aerobic systems.
3. <b>Bio-accumulation:</b> An estimated BCF of 3 suggest the potential for bio concentration in aquatic organism is low.
4. <b>Ecotoxicity:</b> * Tests on the following species gave a 96h LC50 of 1150 mg/L → brown shrimp
* Tests on the following species gave a 96h LC50 of 6.12-9.64 mg/L → fathead minnows

**Section XIII – Disposal Consideration**

Waste Disposal Method <b>The product can be disposed of according to relevant national or local regulations pertaining to the disposal on non-hazardous waste. No special requirement.</b>
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**Section XIV– Transport Information**

<b>No special precautions</b>
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**Section XV– Regulatory Information**

<b>Not available</b>
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**Section XVI – Other Information**

<b>None</b>
Date Prepared <b>1/29/2015</b>
Signature of Preparer ( <i>optional</i> )

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