

# Safety Data Sheet

## SoloSite™ EP Spray System

### 1. Identification

#### 1.1. Product identifier

**Product Identity** SoloSite™ EP Spray System

**Alternate Names** SoloSite™ EP Spray System

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Intended use** Wound Cleanser

**Application Method** See Technical Data Sheet.

#### 1.3. Details of the supplier of the safety data sheet

**Company Name** Smith & Nephew  
970 Lake Carillon Drive, Suite 110  
St. Petersburg, FL 33716

#### Emergency

**Customer Service: Smith & Nephew** 1-800-876-1261

### 2. Hazard(s) identification

#### 2.1. Classification of the substance or mixture

No applicable GHS categories.

#### 2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.

No applicable GHS categories.

#### [Prevention]:

No GHS prevention statements

#### [Response]:

No GHS response statements

#### [Storage]:

No GHS storage statements

#### [Disposal]:

No GHS disposal statements

### 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
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Glycerol CAS Number: 0000056-81-5	10 - 25	Not Classified	[1][2]
Cellulose, carboxymethyl ether, sodium salt CAS Number: 0009004-32-4	1.0 - 10	Not Classified	[1]

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

\*The full texts of the phrases are shown in Section 16.

## 4. First aid measures

### 4.1. Description of first aid measures

<b>General</b>	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
<b>Inhalation</b>	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
<b>Eyes</b>	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
<b>Skin</b>	No first aid should be needed.
<b>Ingestion</b>	Call a physician or poison control center for instructions. Do not induce vomiting unless directed to do so by medical personnel.

### 4.2. Most important symptoms and effects, both acute and delayed

**Overview** Acute effects include eye irritation and gastrointestinal irritation.

## 5. Fire-fighting measures

### 5.1. Extinguishing media

Carbon dioxide, dry chemical, alcohol foam

### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: Oxides of carbon, phenol

### 5.3. Advice for fire-fighters

Use water spray to cool fire-exposed containers.

Do not release runoff from fire control methods to sewers or waterways.

Wear self-contained breathing apparatus and protective clothing.

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## 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

### 6.2. Environmental precautions

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Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

### 6.3. Methods and material for containment and cleaning up

**Small Spills:** Wipe up spill. Rinse with water.

**Large spills:** Add salt to break up polymer, then mop or wipe up spill and place in proper container for disposal.

## 7. Handling and storage

### 7.1. Precautions for safe handling

None

### 7.2. Conditions for safe storage, including any incompatibilities

Store in a cool, dry place < 77°F / 25°C.

Incompatible materials: Strong oxidizing agents, strong bases

### 7.3. Specific end use(s)

No data available.

## 8. Exposure controls and personal protection

### 8.1. Control parameters

#### Exposure

CAS No.	Ingredient	Source	Value
0000056-81-5	Glycerol	OSHA	TWA 15 mg/m <sup>3</sup> (total) TWA 5 mg/m <sup>3</sup> (resp)
		ACGIH	TWA: 3 mg/m <sup>3</sup> (respirable) 10 mg/m <sup>3</sup> (mist)
		NIOSH	No established RELs
		Supplier	No Established Limit
0009004-32-4	Cellulose, carboxymethyl ether, sodium salt	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

#### Carcinogen Data

CAS No.	Ingredient	Source	Value
0000056-81-5	Glycerol	OSHA	Select Carcinogen: No
		NTP	Know n: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0009004-32-4	Cellulose, carboxymethyl ether, sodium salt	OSHA	Select Carcinogen: No
		NTP	Know n: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

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### 8.2. Exposure controls

<b>Respiratory</b>	None required for normal use.
<b>Eyes</b>	None required for normal use.
<b>Skin</b>	None required for normal use.
<b>Engineering Controls</b>	Provide adequate general ventilation
<b>Other Work Practices</b>	Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

## 9. Physical and chemical properties

<b>Appearance</b>	Translucent Gel
<b>Odor</b>	Odorless
<b>Odor threshold</b>	Not determined
<b>pH</b>	5.3 - 7.0 @ 25°C
<b>Melting point / freezing point</b>	Not determined
<b>Initial boiling point and boiling range</b>	Not applicable
<b>Flash Point</b>	> 200°F / > 93°C TCC
<b>Evaporation rate (Ether = 1)</b>	< 1 (nBuAc = 1)
<b>Flammability (solid, gas)</b>	Not Applicable
<b>Upper/lower flammability or explosive limits</b>	<b>Lower Explosive Limit:</b> Not known <b>Upper Explosive Limit:</b> Not known
<b>Vapor pressure (Pa)</b>	> 10 mmHg
<b>Vapor Density</b>	Not applicable
<b>Specific Gravity</b>	0.958 - 1.172 @ 25°C (H <sub>2</sub> O = 1)
<b>Solubility in Water</b>	Insoluble
<b>Partition coefficient n-octanol/water (Log Kow)</b>	Not Measured
<b>Auto-ignition temperature</b>	Not determined
<b>Decomposition temperature</b>	Not available
<b>Viscosity (cSt)</b>	45E3 - 90E3 cPs
<b>VOC Content</b>	Not available

### 9.2. Other information

No other relevant information.

## 10. Stability and reactivity

### 10.1. Reactivity

Hazardous Polymerization will not occur.

### 10.2. Chemical stability

Stable under normal circumstances.

### 10.3. Possibility of hazardous reactions

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No data available.

### 10.4. Conditions to avoid

Keep away from oxidizing agents, excessive heat, and ignition sources.

### 10.5. Incompatible materials

Strong oxidizing agents, strong bases

### 10.6. Hazardous decomposition products

Oxides of carbon, phenol

## 11. Toxicological information

### Acute toxicity

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Glycerol - (56-81-5)	12,600.00, Rat - Category: NA	10,000.00, Rabbit - Category: NA	No data available	No data available	No data available
Cellulose, carboxymethyl ether, sodium salt - (9004-32-4)	No data available	No data available	No data available	No data available	No data available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	---	Not Applicable
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

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### 12. Ecological information

#### 12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

#### Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Glycerol - (56-81-5)	67,500.00, Oncorhynchus mykiss	10,000.00, Daphnia magna	Not Available
Cellulose, carboxymethyl ether, sodiumsalt - (9004-32-4)	Not Available	Not Available	Not Available

#### 12.2. Persistence and degradability

There is no data available on the preparation itself.

#### 12.3. Bioaccumulative potential

Not Measured

#### 12.4. Mobility in soil

No data available.

#### 12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

#### 12.6. Other adverse effects

No data available.

### 13. Disposal considerations

#### 13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

### 14. Transport information

**Note:** Consumer Commodity ORM-D material

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
<b>14.1. UN number</b>	UN1956	UN1956	UN1956
<b>14.2. UN proper shipping name</b>	UN1956, Compressed gas, n.o.s.	Compressed gas, n.o.s.	Compressed gas, n.o.s.
<b>14.3. Transport hazard class(es)</b>	<b>DOT Hazard Class:</b> 2.2	<b>IMDG:</b> 2.2 <b>Sub Class:</b> Not Applicable	<b>Air Class:</b> 2.2
<b>14.4. Packing group</b>	Unknown	Unknown	Unknown
<b>14.5. Environmental hazards</b>			
<b>IMDG</b>	Marine Pollutant: No		

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### 14.6. Special precautions for user

No further information

## 15. Regulatory information

<b>Regulatory Overview</b>	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.
<b>Toxic Substance Control Act (TSCA)</b>	All components of this material are either listed or exempt from listing on the TSCA Inventory.
<b>WHMIS Classification</b>	Not Regulated
<b>US EPA Tier II Hazards</b>	<b>Fire:</b> No <b>Sudden Release of Pressure:</b> No <b>Reactive:</b> No <b>Immediate (Acute):</b> No <b>Delayed (Chronic):</b> No

### **EPCRA 311/312 Chemicals and RQs:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### **EPCRA 302 Extremely Hazardous:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### **EPCRA 313 Toxic Chemicals:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### **Proposition 65 - Carcinogens (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### **Proposition 65 - Developmental Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### **Proposition 65 - Female Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### **Proposition 65 - Male Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### **New Jersey RTK Substances (>1%):**

Glycerol

### **Pennsylvania RTK Substances (>1%):**

Glycerol

## 16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

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Not Applicable

**This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.**

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