


Safety Data Sheet

According to Hazard Communication Standard (29 CFR 1910.1200)

SKIN-PREP Pump Spray

1. Identification		
Product name	SKIN-PREP Pump Spray	
Synonyms	-	
CAS #	See section 3	
Product use	Skin Preparation	
Manufacturer/Supplier		
Supplier(Manufacturer):	Smith & Nephew, Inc. Advanced Wound Management	
Address:	4900 West Vickery Boulevard Fort Worth, TX 76107 USA	
Contact Details:	For telephone and email contacts: Telephone: 800.876.1261 (Toll Free) https://www.smith-nephew.com/professional/contact-us-choice/contact-us-awm/	
Emergency telephone Number:	Chemtrec: 1-800-424-9300; 1-703-741-5970	
2. Hazard(s) identification		
GHS classification		
Physical hazards	Flammable liquids	Category 2
Health hazards	Eye damage/ irritation	Category 2A
	Specific target organ toxicity (single exposure)	Category 3
Environmental hazards	Not classified	
GHS label elements		
Hazard Pictograms		
Signal word	Danger	
Hazard statement	Highly flammable liquid and vapor. Causes serious eye irritation. May cause drowsiness or dizziness.	
Precautionary statement		
Prevention	Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Keep container tightly closed. Ground/Bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools.	

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	<p>Take precautionary measures against static discharge.</p> <p>Avoid breathing dust/fume/ gas/mist/vapors/spray.</p> <p>Wash hands thoroughly after handling.</p> <p>Use only outdoors or in a well-ventilated area.</p> <p>Wear protective gloves/eye protection/face protection.</p>
Response	<p>If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.</p> <p>If inhaled: Remove person to fresh air and keep comfortable for breathing.</p> <p>If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>Call a poison center /doctor if you feel unwell.</p> <p>If eye irritation persists: Get medical advice/attention.</p> <p>In case of fire: Use Carbon dioxide, dry chemical, alcohol foam to extinguish.</p>
Storage	<p>Store in a well-ventilated place. Keep cool. Keep container tightly closed.</p> <p>Store locked up.</p>
Disposal	Dispose of contents/container in accordance with local regulation.
Other hazards	Not available.

3. Composition / information on ingredients

Components	CAS#	Percent
Isopropyl Alcohol	67-63-0	75-100%
BUTENEDIOIC ACID (Z)-, MONOBUTYL ESTER, POLYMER WI	25119-68-0	10-25%

4. First-aid Measures

First aid procedures	
Eye contact	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
Skin contact	No first aid should be needed.
Inhalation	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.
Ingestion	Do not induce vomiting. Contact the poison control center or a physician immediately for instructions.
Notes to physician	Treat symptoms.

5. Fire-fighting measures

Flammable properties	Not available.
Extinguishing media	

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Suitable extinguishing media	Carbon dioxide, dry chemical, alcohol foam.
Unsuitable extinguishing media	Not available.
Firefighting equipment/instructions	In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protection, if necessary. Dispose of contaminated extinction water according to official regulations.
Hazardous combustion products	Oxides of Carbon.

6. Accidental release measures

Personal precautions	Put on appropriate personal protective equipment (see section 8).
Environmental precautions	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.
Methods for cleaning up	Mop or wipe up small spills. Ventilate area. Dike large spills to minimize contamination and contain material. Remove all sources of heat and ignition. Absorb with sand or vermiculite. Ventilate area to dissipate vapors.

7. Handling and storage

Handling	Do not use with electrocautery procedures. See section 2 for further details. - [Prevention].
Storage	Handle containers carefully to prevent damage and spillage. Incompatible materials: Strong oxidizing agents. Store in a cool ($\leq 77^{\circ}$ F / 25° C), dry, well-ventilated area away from strong oxidizing agents, sources of heat, sparks, and open flames. See section 2 for further details. - [Storage].

8. Exposure controls / personal protection

Control parameters:

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	
Isopropyl Alcohol (CAS 67-63-0)	PEL	980 mg/m ³	
		400 ppm	

US. ACGIH Threshold Limit Values

Components	Type	Value	
Isopropyl Alcohol (CAS 67-63-0)	STEL	400 ppm	
	TWA	200 ppm	

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	
Isopropyl Alcohol (CAS 67-63-0)	STEL	1225 mg/m ³	
		500 ppm	

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	TWA	980 mg/m ³ 400 ppm	
Biological limit values			
ACGIH Biological Exposure Indices			
Components	Value	Determinant	Specimen
Isopropyl Alcohol (CAS 67-63-0)	40 mg/l	Acetone	Urine
* - For sampling details, please see the source document.			
Appropriate engineering controls:		Use in a well-ventilated area.	
Individual protection measures, such as personal protective equipment:			
Eye / face protection		None required for normal use.	
Skin protection		When working with small quantities in a well-ventilated area, protective clothing/equipment may not be required.	
Respiratory protection		When working with small quantities in a well-ventilated area, respiratory protection may not be required.	
General hygiene considerations		Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing.	
9. Physical and chemical properties			
Appearance			
Physical state		Liquid	
Form		Liquid	
Color		Clear, Colorless	
Odor		Alcohol Odor	
Odor threshold		Not available	
pH		Not available	
Vapor pressure		33 mmHg	
Vapor density		2.1 (Air = 1)	
Boiling point		180°F	
Melting point/Freezing point		Not available	
Solubility (water)		Miscible	
Relative density		0.85 @ 25°C (H ₂ O = 1)	
Flash point		53°F / 11.7°C TCC	
Partition coefficient		Not available	

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Flammability limits in air, upper, %by volume	Not available
Flammability limits in air, lower, % by volume	Not available
Auto-ignition temperature	Not available
VOC	Not available
Percent volatile	Not available
Molecular Formula	Not available
Molecular Weight	Not available
Other data	
Viscosity	Not available
Dissociation constant	Not available
Evaporation rate (Ether = 1)	2.83 (nBuAc = 1)
Lower Explosive Limit:	2.5%
Upper Explosive Limit:	12%
% Volatile:	95%
10. Stability and reactivity	
Chemical stability	Material is stable under normal conditions.
Conditions to avoid	Incompatible materials. Avoid excessive heat, open flames and all ignition sources.
Incompatible materials	Strong oxidizing agents
Hazardous decomposition products	Oxides of Carbon.
Possibility of hazardous reactions	No dangerous reactions known.
11. Toxicological information	
Toxicokinetics, metabolism and distribution:	
Non-human toxicological data:	Not available
Information on toxicological effects:	
Acute toxicity: Isopropyl Alcohol (CAS#67-63-0)	
LD50(Oral, Rat):	5.84 g/kg body weight
LD50(Dermal, Rabbit):	16.4 mL/kg bw
LC50(Inhalation, Rat):	Not available
Skin corrosion/Irritation:	Not classified.
Serious eye damage/irritation:	Causes serious eye irritation.
Respiratory or skin sensitization:	Not classified

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Germ cell mutagenicity:	Not classified
Carcinogenicity:	Not classified
Reproductive toxicity:	Not classified
STOT- single exposure:	May cause drowsiness or dizziness.
STOT-repeated exposure:	Not classified
Aspiration hazard:	Not classified

12. Ecological information

Toxicity:

Isopropyl Alcohol (CAS#67-63-0)

	Acute toxicity		Time	Species	Method	Evaluation	Remarks
	LC50	10 000 mg/L	96h	Fish	OECD 203	N/A	N/A
	EC50	N/A	48h	Daphnia	OECD 202	N/A	N/A
	EC50	N/A	72h	Algae	OECD 201	N/A	N/A

Persistence and degradability:	Not available.
Bioaccumulative potential:	Not available.
Mobility in soil:	Not available.
Results of PBT&vPvB assessment:	Not available.
Other adverse effects:	No known significant effects or critical hazards.

13. Disposal considerations

Disposal instructions	Dispose of contents/container in accordance with local/regional/national/international regulations.
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

DOT

Basic shipping requirements:

UN number	UN1993
Proper shipping name	Flammable liquids n.o.s. (Isopropyl Alcohol)
Hazard class	3
Packing group	II
Environmental hazards	No

IATA

UN number	UN1993
UN proper shipping name	Flammable liquids n.o.s. (Isopropyl Alcohol)
Transport hazard class(es)	3

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Packing group	II	
Environmental hazards	No	
IMDG		
UN number	UN1993	
UN proper shipping name	Flammable liquids n.o.s, (Isopropyl Alcohol)	
Transport hazard class(es)	3	
Packing group	II	
Environmental hazards	No	
15. Regulatory information		
US federal regulations		
Toxic Substances Control Act (TSCA)		
TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)		
Not regulated.		
CERCLA Hazardous Substance List (40 CFR 302.4)		
Isopropyl Alcohol (CAS 67-63-0)	Listed.	
SARA 304 Emergency release notification		
Not regulated.		
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)		
Not listed.		
Superfund Amendments and Reauthorization Act of 1986 (SARA)		
SARA 302 Extremely hazardous substance		
Not listed.		
SARA 311/312 Hazardous chemical	No	
SARA 313 (TRI reporting)		
Chemical name	CAS number	% by wt.
Isopropyl Alcohol	67-63-0	75-100
Other federal regulations		
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List		
Not regulated.		
Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)		
Not regulated.		
Safe Drinking Water Act (SDWA)	Not regulated.	
FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace		
Isopropyl Alcohol (CAS 67-63-0)	Low priority	

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US state regulations	
California Proposition 65	
US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))	
Isopropyl Alcohol (CAS 67-63-0)	
16. Other information, including date of preparation or last revision	
HMIS® ratings	Health: 2 Flammability: 3 Physical hazard: 0
NFPA ratings	Health: 2 Flammability: 3 Instability: 0
Disclaimer	The information in the sheet was written based on the best knowledge and experience currently available.

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