Safety Data Sheet

Aplicare Skin Protectant (Prep Pads and Swabsticks)

Section 1. Identification

Product Identifier	Aplicare Skin Protectant (Prep Pads and Swabsticks)
Synonyms	APLP1010; APLP10108S; APLP1030; APLP10308S; APLS1110; MSD_SDS0411
Manufacturer Stock Numbers	APLP1010; APLP10108S; APLP1030; APLP10308S; APLS1110
Recommended use	Please refer to the product label.
Uses advised against	No information available.

Manufacturer Contact

Address

Medline
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	FLAMMABLE LIQUIDS - Category 2 SERIOUS EYE DAMAGE /EYE IRRITATION - Category 2B SPECIFIC TARGET ORGAN TOXICITY (Single Exposure) - Category 3
Signal Word	Danger

Pictogram	
Hazard Statements	Causes eye irritation Highly flammable liquid and vapor May cause drowsiness or dizziness
Precautionary Statements	
Response	Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get medical advice/attention. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing Call a POISON CENTER or doctor/physician if you feel unwell. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. In case of fire: Use CO2, dry chemical, or foam for extinction.
Prevention	Avoid breathing dust/fume/gas/mist/ vapors/spray. Ground/bond container and receiving equipment. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Take precautionary measures against static discharge. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Use only outdoors or in a well-ventilated area. Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection
Storage	Keep cool. Store in a well-ventilated place. Keep container tightly closed. Store locked up.
Disposal	Dispose of contents/container to an approved waste disposal plant.
Ingredients of unknown toxicity	0%
Hazards not Otherwise Classified	
	Not applicable.
Other information	May be harmful in contact with skin. PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION.
Interactions with Other Chemicals:	Use of alcoholic beverages may enhance toxic effects.

Section 3. Ingredients

CAS	Ingredient Name	Weight %
67-63-0	Isopropyl alcohol	60% - 80%
71-36-3	1-Butanol	5% - 15%

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

Section 4. First-Aid Measures

General Advice:	Show this safety data sheet to the doctor in attendance.
Eye Contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin contact:	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
Inhalation:	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, (trained personnel should) give oxygen.
Ingestion	Call a physician. Do NOT induce vomiting. Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person.
Self-protection of the first aider:	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required.
Most important symptoms and effects, both acute and delayed:	Most important symptoms/Effects: Burning sensation. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.
Indication of any immediate medical attention and special treatment needed:	Notes to physician: Treat symptomatically.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Dry chemical, CO2, water spray or regular foam, Use water spray or fog; do not use straight streams.
Unsuitable Extinguishing Media	CAUTION: All these products have a very low flash point: Use of water spray when fighting fire may be inefficient.
Specific hazards arising from the chemical:	Vapors can form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). Vapor explosion hazard indoors, outdoors or in sewers. Runoff to sewer may create fire or explosion hazard. Some may be transported hot. Uniform Fire Code: Irritant: Liquid Flammable Liquid: I-B
Explosion data:	Sensitivity to Mechanical Impact: No Sensitivity to Static Discharge: Yes

Protective Equipment and Precautions for Firefighters:	Move containers from fire area if you can do it without risk.

Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:	Personal Precautions: Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. See section 8 for more information. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Other Information: Water spray may reduce vapor; but may not prevent ignition in closed spaces.
Environmental Precautions:	Prevent entry into waterways, sewers, basements or confined areas.
Methods and Materials for Containment and Cleaning up:	Methods for Containment: A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Methods for Cleaning up: Pick up and transfer to properly labeled containers.

Section 7. Handling and Storage

Precautions for Safe Handling:	Handling: Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Use personal protection equipment. Avoid breathing vapors or mists. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions.
Conditions for safe storage, including any incompatibilities:	Storage: Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Incompatible Products: None known based on information supplied.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits

Ingredient Name	ACGIH TLV	OSHA PEL	STEL
Isopropyl alcohol	TWA: 200 ppm STEL: 400 ppm	TWA: 400 ppm STEL: 500 ppm	N/A
1-Butanol	N/A	N/A	N/A

Personal Protective Equipment

Goggles, Gloves

Engineering Measures:

Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment:

Eye/Face Protection:
Tight sealing safety goggles.

Skin and Body Protection:
Wear protective gloves and protective clothing. Long sleeved clothing. Chemical resistant apron. Impervious gloves. Antistatic boots.

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. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended.
Wash hands before breaks and immediately after handling the product.

Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Colorless to pale yellow
Odor	Alcohol
Odor Threshold	N.A.
Solubility	Insoluble in water, soluble in
Partition coefficient Water/n-octanol	N.A.
VOC%	N/A
Viscosity	N.A.
Specific Gravity	1
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	N.A.

FP Method	N.A.
pH	N.A.
Melting Point	N.A.
Boiling Point	N.A.
Boiling Range	N.A.
LEL	N/A
UEL	N/A
Evaporation Rate	N.A.
Flammability	N.A.
Decomposition Temperature	N.A.
Auto-ignition Temperature	N.A.
Vapor Pressure	N.A.
Vapor Density	N.A.

Section 10. Stability and Reactivity

Reactivity:	No data available.
Chemical stability:	Stable under recommended storage conditions.
Hazardous polymerization:	Hazardous polymerization does not occur.
Conditions to avoid:	Heat, flames and sparks.
Incompatible Materials:	Strong oxidizing agents. Strong bases. Acids. Chlorinated compounds.
Hazardous Decomposition Products:	Carbon oxides.

Section 11. Toxicological Information

Information on likely routes of exposure:

Eye contact:
Specific test data for the substance or mixture is not available. Causes eye irritation. (based on components). May cause redness, itching, and pain.

Skin contact:
Specific test data for the substance or mixture is not available. May cause irritation. Prolonged contact may cause redness and irritation.

Inhalation:
Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract. May cause drowsiness or dizziness.

Ingestion:
Specific test data for the substance or mixture is not available. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Component Information:
Chemical Name: Isopropyl alcohol (CAS-No. 67-63-0)
Oral LD50: 4.4 g/kg (Rat)
Dermal LD50: 12.8 g/kg (Rabbit)
Inhalation LC50: 16000 (Rat, 8 h)

Information on Toxicological Effects:	Symptoms: May cause redness and tearing of the eyes. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.
Delayed-immediate effects, also chronic effects from short & long term exposure:	Sensitization: No information available. Mutagenic Effects: No information available. Carcinogenicity: The table below indicates whether each agency has listed any ingredient as a carcinogen. Chemical Name: Isopropyl Alcohol CAS-No. 67-63-0 ACGIH: - IARC: Group 3 NTP: - OSHA: X IARC (International Agency for Research on Cancer) Group 3 - Not Classifiable as to Carcinogenicity in Humans OSHA (Occupational Safety and Health Administration) X - Present Reproductive Toxicity: No information available. STOT - Single exposure: Central nervous system (CNS). STOT - Repeated exposure: No information available Chronic Toxicity: No known effect based on information supplied Target Organ Effects: Respiratory system. Eyes. Central nervous system (CNS). Blood. Liver. Spleen. Systemic Toxicity. Cardiovascular system. Kidney. 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 ATEmix (oral): 1,479.00 mg/kg ATEmix (dermal): 4,021.00 mg/kg (ATE)

ATEmix (inhalation-dust/mist):
81.60 mg/L

Section 12. Ecological Information

Ecotoxicity:

The environmental impact of this product has not been fully investigated.

Chemical Name: Isopropyl Alcohol CAS-No. 67-63-0

Toxicity to Algae:
96h EC50: > 1000 mg/L (Desmodesmus subspicatus)
72h EC50: >1000 mg/L (Desmodesmus subspicat

Toxicity to Fish:
96h LC50: = 9640 mg/L (Pimephales promelas) 96h
LC50: = 11130 mg/L (Pimephales promelas) 96h
LC50: > 1400000 µg/L (Lepomis macrochirus)

Toxicity to Microorganisms: -

Daphnia Magna (Water Flea):
48h EC50: 13299 mg/L

Persistence/degradability: No information available.

Bioaccumulation: Chemical Name: Isopropyl alcohol CAS-No. 67-63-0
Log Pow: 0.05

Other adverse effects: No information available.

Section 13. Disposal

Waste Treatment Methods: Disposal Methods:
This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

Contaminated Packaging:
Dispose of contents/containers in according with local regulations.

US EPA Waste Number:
D001 U031

California Hazardous Waste Codes:
311

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name: Isopropyl alcohol CAS-No. 67-63-0
California Hazardous Waste: Toxic

Section 14. Transport Information

UN Number	N/A
UN Proper Shipping Name	Not Regulated
DOT Classification	Not Regulated
Packing Group	Not Regulated
IMDG:	Not Regulated
IATA:	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:	Isopropyl Alcohol n-Butyl Alcohol
TSCA:	All components are listed or exempt.
CERCLA Hazardous Substance List:	n-Butyl Alcohol
Clean Air Act (CAA) Section 112, 112 (r):	N.A.
New Jersey Right to Know Components:	ISOPROPYL ALCOHOL. n-BUTYL ALCOHOL.
Pennsylvania Right to Know Components:	2-PROPANOL. 1-BUTANOL.
Rhode Island Right to Know Components:	isopropyl alcohol. n-butyl alcohol.
Massachusetts Right to Know Components:	1-BUTANOL.

Section 16. Other Information

Revision Date	9/2/2022
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.
National Fire Protection Association (U.S.A): Health Hazard	2
National Fire Protection Association (U.S.A): Flammability	3

National Fire Protection Association (U.S.A): Instability Hazard	0
HMIS (U.S.A.): Health Hazard	2
HMIS (U.S.A.): Flammability	3
HMIS (U.S.A.): Physical Hazard	0
Legend	N.A. - Not Applicable N.E. - Not Established N.D. - Not Determined