



# Safety Data Sheet

## Aplicare Alcohol Prep Pad, Swabsticks

### Section 1. Identification

Product Identifier	Aplicare Alcohol Prep Pad, Swabsticks		
Synonyms	APLP10058S ; APLP10158S ; APLP11058S ; APLP11158S ; APLS1105 ; APLS1115 ; APLS11051S ; APLS11151S ; APLS3105 ; APLS3115 ; APLS31055S ; APLS31155S ; MSD_SDS0399		
Manufacturer Stock Numbers	APLP10058S ; APLP10158S ; APLP11058S ; APLP11158S ; APLS1105 ; APLS1115 ; APLS11051S ; APLS11151S ; APLS3105 ; APLS3115 ; APLS31055S ; APLS31155S		
Recommended use	Please refer to the product label.		
Uses advised against	No information available.		
Manufacturer Contact			
Address	Medline Industries, Inc. 3 Lakes Drive Northfield, IL, 60093 USA		
	Phone	Emergency Phone	Fax
	(800) 633-5460	(800) 424-9300 CHEMTREC	(847) 643-4436
	Website		
	<a href="http://www.Medline.com">www.Medline.com</a>		

### Section 2. Hazards Identification

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

Pictogram



Hazard Statements

Causes serious eye irritation  
Highly flammable liquid and vapor  
May cause drowsiness or dizziness

Precautionary Statements

Response

Call a poison center/doctor/ ... /if you feel unwell.  
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.  
Specific treatment (see supplemental first aid instructions on this label)

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

N.A.

Other information:

May be harmful if swallowed. PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION.

**Section 3. Ingredients**

CAS	Ingredient Name	Weight %
67-63-0	Isopropyl alcohol	50% - 70%

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. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.
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:	Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.
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. Wear personal protective clothing (see section 8).
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.
Note to Physician:	Treat symptomatically.

## Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical, Carbon dioxide (CO <sub>2</sub> ), Water spray, or Alcohol resistant foam.
Unsuitable Extinguishing Media	CAUTION: Use of water spray when fighting fire may be inefficient.
Specific hazards arising from the chemical:	Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Hazardous combustion products:	Uniform Fire Code: Irritant: Liquid Flammable Liquid: I-B Carbon oxides.
Explosion data:	Sensitivity to Mechanical Impact: No  Sensitivity to Static Discharge: Yes
Protective Equipment and Precautions for Firefighters:	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## Section 6. Accidental Release Measures

### Personal Precautions, Protective Equipment and Emergency Procedures:

#### Personal Precautions:

Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Ensure adequate ventilation. 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:

Refer to protective measures listed in Sections 7 and 8. Ventilate the area.

### Environmental Precautions:

Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

### Methods and Materials for Containment and Cleaning up:

#### Methods for Containment:

Prevent further leakage or spillage if safe to do so. Do not touch or walk through spilled material. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways.

#### 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. 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. 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

**Personal Protective Equipment**

N/A

**Control parameters:**

**Exposure Guidelines:**

The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here.

**Other Exposure Guidelines:**

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992) See section 15 for national exposure control parameters.

**Appropriate Engineering Controls:**

**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
Odor	Alcohol
Odor Threshold	No data available

Solubility	No data available
Partition coefficient Water/n-octanol	No data available
VOC%	N/A
Viscosity	No data available
Specific Gravity	0.88
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	11.6 C / 54 F
FP Method	N.D.
pH	N.D.
Melting Point	No data available
Boiling Point	No data available
Boiling Range	No data available
LEL	N/A
UEL	N/A
Evaporation Rate	No data available
Flammability	No data available
Decomposition Temperature	No data available
Auto-ignition Temperature	No data available
Vapor Pressure	No data available
Vapor Density	No data available

## Section 10. Stability and Reactivity

Reactivity: No data available.  
 Chemical Stability: Stable under recommended storage conditions.  
 Possibility of Hazardous Reactions: None under normal processing.  
 Hazardous Polymerization: Hazardous polymerization does not occur.  
 Conditions to avoid: Heat, flames and sparks.  
 Incompatible Materials: Strong oxidizing agents Acids Chlorinated compounds.  
 Hazardous Decomposition Products: Carbon oxides.

## Section 11. Toxicological Information

Information on likely routes of exposure: Product information:

Eye contact:

Specific test data for the substance or mixture is not available. Causes serious 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.

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. May cause drowsiness or dizziness.

Component Information:

Chemical Name: Isopropyl alcohol CAS 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:  
Based on classification criteria from the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200), this product has been determined to cause systemic target organ toxicity from acute exposure. (STOT SE). If this product is a mixture, the classification is not based on toxicology studies for this product, but is based solely on toxicology studies for ingredients found within this product. Detailed substance and/or ingredient information may be provided in other sections of this SDS. Target organs effects listed in this document may result from a single overexposure to this product.

STOT - Repeated exposure:  
No information available

Chronic Toxicity:  
No known effect based on information supplied

Target Organ Effects:  
Eyes. Respiratory system. Skin. 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)  
2,992.00 mg/kg  
ATEmix (dermal)  
6,494.00 mg/kg (ATE)  
ATEmix (inhalation-dust/mist)  
116.20 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 and 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

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 1993  
UN Proper Shipping Name Flammable liquids, n.o.s. (Isopropyl Alcohol)  
DOT Classification 3  
Packing Group II  
IATA - UN Number: 1993  
IATA - UN Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. (ISOPROPYL ALCOHOL)  
IATA - Hazard Class: 3  
IATA - Packing Group: II  
IMDG - UN Number: 1993  
IMDG - UN Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. (ISOPROPYL ALCOHOL)  
IMDG - Hazard Class: 3  
IMDG - Packing Group: II

## 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.
TSCA:	All components are listed or exempt.
CERCLA Hazardous Substance List:	N.A.
Clean Air Act (CAA) Section 112, 112 (r):	N.A.
State Regulations:	New Jersey Dept. of Health RTK: Isopropyl Alcohol  Pennsylvania RTK: 2-Propanol  Rhode Island RTK: Isopropyl Alcohol

## Section 16. Other Information

Revision Date	8/6/2019
Legend	N.A. - Not Applicable N.E. - Not Established N.D. - Not Determined
National Fire Protection Association (U.S.A) Ratings:	Health Hazard: 2  Flammability: 3  Instability: 0
HMIS (U.S.A.) Ratings:	Health Hazards: 2  Flammability: 3  Physical Hazard: 0
Additional Information:	Physical and Chemical Hazards - Personal Protection X 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.