



Safety Data Sheet

Aplicare Antiseptic Gel Hand Rinse/Hand Sanitizer

Section 1. Identification

Product Identifier Aplicare Antiseptic Gel Hand Rinse/Hand Sanitizer
Synonyms APL826144; APL826146; APLL1540; APLL15401S; MSD_SDS0412
Manufacturer Stock APL826144; APL826146; APLL1540; APLL15401S
Numbers

Recommended use Please refer to the product label.
Uses advised against No information available.

Manufacturer Contact Medline Industries, Inc.
Address 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
Signal Word Danger
Pictogram



Hazard Statements	Highly flammable liquid and vapor
Precautionary Statements	
Response	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 to extinguish. Specific treatment (see supplemental first aid instructions on this label)
Prevention	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. Wear protective gloves/protective clothing/eye protection/face protection.
Storage	Store in a well-ventilated place. Keep cool.
Disposal	Dispose of contents/container to an approved waste disposal plant.
Ingredients of unknown toxicity	0%
Hazards not Otherwise Classified	Not applicable.
Other information:	Toxic to aquatic life. PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION. May cause slight eye irritation.
Interactions with Other Chemicals:	Use of alcoholic beverages may enhance toxic effects.

Section 3. Ingredients

CAS	Ingredient Name	Weight %
64-17-5	Ethanol	50% - 60%

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

Section 4. First-Aid Measures

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:	Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person.

Self-protection of the first aider: Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination.

Most important symptoms and effects, both acute and delayed: Most Important Symptoms and Effects: No information available.

Indication of Any Immediate Medical Attention and Special Treatment Needed: Notes to Physician: Treat symptomatically.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media: Water spray, fog or alcohol-resistant 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.

Hazardous combustion products: Uniform Fire Code: Flammable Liquid: I-B
Carbon oxides.

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:
ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Stop leak if you can do it without risk.

Environmental Precautions: Other Information:
Water spray may reduce vapor; but may not prevent ignition in closed spaces.
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. Use personal protection equipment. Avoid contact with skin and eyes. 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
Ethanol	STEL: 1,000 ppm Note: Upper respiratory track irritation. Confirmed animal carcinogen with unknown relevance to humans.	TWA: 1,000 ppm 1,900mg/mm ³ 29 CFR 1910.1000 Table Z-1 Limits	N/A

Personal Protective Equipment

Goggles, Gloves, Apron

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. 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	Viscous liquid
Color	Green
Odor	Herbaceous
Odor Threshold	N.D.
Solubility	Completely soluble
Partition coefficient Water/n-octanol	N.D.
VOC%	N/A
Viscosity	N.D.
Specific Gravity	0.899
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	16°C/61°F
FP Method	N.D.
pH	7-8
Melting Point	N.D.
Boiling Point	N.D.
Boiling Range	N.D.
LEL	N/A
UEL	N/A
Evaporation Rate	N.D.
Flammability	N.D.
Decomposition Temperature	N.D.
Auto-ignition Temperature	N.D.
Vapor Pressure	N.D.
Vapor Density	N.D.

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:	None known based on information supplied.
Hazardous Decomposition Products:	Carbon oxides.

Section 11. Toxicological Information

Information on Toxicological Effects:	Symptoms: No information available.
Sensitization:	No information available.
Mutagenic Effects:	No information available.
Carcinogenicity:	The table below indicates whether each agency has listed any ingredient as a carcinogen. Ethanol has been shown to be carcinogenic in long-term studies only when consumed as alcoholic beverage. Component: Ethanol CAS No. 64-17-5 ACGIH: A3 IARC: Group 1 NTP: Known OSHA: X
Reproductive toxicity:	No information available.
Specific Target Organ Toxicity - Single Exposure:	No information available.
Specific Target Organ Toxicity - Repeated Exposure:	No information available.
Chronic Toxicity:	No known effect based on information supplied.
Target organ effects:	Blood. Central nervous system (CNS). Eyes. Liver. Reproductive system. Respiratory system. Skin.
Information on likely routes of exposure:	Product information: Eye contact: Specific test data for the substance or mixture is not available. Skin contact: Specific test data for the substance or mixture is not available. Inhalation: Specific test data for the substance or mixture is not available. Ingestion: Specific test data for the substance or mixture is not available. Component Information: Chemical Name: Ethanol CAS No.: 64-17-5 Oral LD50: - Dermal LD50: - Inhalation LC50: 124.7 mg/L (Rat) 4 h
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): 11,986.00 mg/kg ATEmix (inhalation-dust/mist): 211.70 mg/L

Section 12. Ecological Information

Ecotoxicity:	Toxic to aquatic organisms. Chemical Name: Ethanol CASNo: 64-17-5 Toxicity to Fish: LC50: 12.0 - 16.0 mL/L (96 h static) Oncorhynchus mykiss LC50: 13400 - 15100 mg/L (96 h flow-through) Pimephales promelas LC50: > 100 mg/L (96 h static) Pimephales promelas Toxicity to Microorganisms: EC50 = 34634 mg/L 30 min EC50 = 35470 mg/L 5 min Daphnia Magna (Water Flea): LC50: 9268 - 14221 mg/L (48 h) Daphnia magna EC50: 10800 mg/L (24 h) Daphnia magna EC50: 2 mg/L (48 h Static) Daphnia magna
Persistence/degradability:	No information available.
Bioaccumulation:	Chemical Name: Ethanol CAS No 64-17-5 Log Pow: -0.32
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 accordance with local regulations.
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Section 14. Transport Information

UN Number	1170
UN Proper Shipping Name	Ethanol Solutions
DOT Classification	3
Packing Group	II
IATA - UN Number:	1170
IATA - UN Proper Shipping Name:	Ethanol Solutions
IATA - Hazard Class:	3
IATA - Packing Group:	II
IMDG - UN Number:	1170
IMDG - UN Proper Shipping Name	Ethanol Solutions
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:	N.A.
TSCA:	All components are listed or exempt.
CERCLA Hazardous Substance List:	N.A.
Clean Air Act (CAA) Section 112, 112 (r):	N.A.
New Jersey Right to Know Components:	ETHYL ALCOHOL.
Pennsylvania Right to Know Components:	ETHANOL.
Rhode Island Right to Know Components:	ethyl alcohol.
Massachusetts Right to Know Components:	ETHANOL.

Section 16. Other Information

Revision Date 9/22/2020

Legend N.A. - Not Applicable
N.E. - Not Established
N.D. - Not Determined

National Fire Protection
Association (U.S.A): Health
Hazard 1

National Fire Protection
Association (U.S.A):
Flammability 3

National Fire Protection
Association (U.S.A):
Instability Hazard 0

HMIS (U.S.A.): Health 1

HMIS (U.S.A.): Flammability 3

HMIS (U.S.A.): Physical 0

HMIS (U.S.A.): Personal
Protection X

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