



Safety Data Sheet

EPI-CLENZ AEROSOL FOAM HAND SANITIZERS

Section 1. Identification

Product Identifier	EPI-CLENZ AEROSOL FOAM HAND SANITIZERS
Synonyms	MSC097040; MSC097041; MSC097042; MSD_SDS0082
Manufacturer Stock Numbers	MSC097040; MSC097041; MSC097042

Recommended use	Hand sanitizer
Uses advised against	Use only as directed.

Manufacturer Contact Address	Medline Industries, Inc. 3 Lakes Drive Northfield, IL, 60093 USA
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Phone	Emergency Phone	Fax
(800) 633-5463	(800) 424-9300	(847) 643-4436

Website
www.Medline.com

Section 2. Hazards Identification

Classification	FLAMMABLE AEROSOLS - Category 2
Signal Word	Warning
Pictogram	



Hazard Statements Causes eye irritation. Exposed individuals may experience eye tearing, redness and discomfort.
Causes mild skin irritation
Flammable aerosol

Precautionary Statements

Response N/A
Prevention Do not spray on an open flame or other ignition source.
Keep away from heat.
Pressurized container: Do not pierce or burn, even after use.
Storage N/A
Disposal N/A

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified

Hazards not otherwise classified: No additional information available.

Supplemental Information: This is an OTC pharmaceutical product that is safe for consumers and other users when used as intended.

Section 3. Ingredients

CAS	Ingredient Name	Weight %
64-17-5	Alcohol	50% - 70%
75-28-5	Isobutane	5% - Max
74-98-6	Propane	5% - Max

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

Section 4. First-Aid Measures

Eye Contact: Immediately rinse thoroughly with water for 15-20 minutes. If discomfort or irritation persists, consult a physician.

Skin Problem: Wash skin with soap and water. Discontinue use of product. Apply cold compresses to relieve any discomfort. If discomfort persists, consult a physician.

Inhalation: If respiratory irritation occurs, remove individual to fresh air.

Ingestion: Accidental ingestion of product may necessitate medical attention. In case of accidental ingestion, dilute with fluids (water or milk) and treat symptomatically. Do not induce vomiting. Consult a physician.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media Chemical foam, dry chemical, carbon dioxide or water.

Unsuitable Extinguishing Media	N.D.
Flash Point:	Product is flammable. Refer to section 13 for disposal information and section 14 for transportation information.
Explosion Hazard:	Container is pressurized and may explode in heat of fire.
Fire Fighting Instructions:	Contact emergency personnel. Contents under pressure. Container may explode in heat of fire. If large amounts of product are involved, use self-contained breathing apparatus and full protective gear. Hazardous decomposition products may be released, including oxides of carbon and/or nitrogen; oxygen; hydrocarbons and/or derivatives.

Section 6. Accidental Release Measures

Procedures for Spill/Leak Clean-up:	For Household Settings: Absorb liquid and clean the area with detergent. For Non-Household Settings: Use safety goggles if airborne mist or splash hazards exist. Use gloves and protective clothing (apron, boots, etc) to prevent skin contact.
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Section 7. Handling and Storage

Precautions for Safe Handling:	For Household Settings: Avoid contact with eyes, skin and clothing. Use only as directed. Keep out of the reach of children. For Non-Household Settings: Do not crush, puncture or incinerate. Avoid extreme heat. Avoid puncturing or otherwise damaging aerosol containers and packaging when using forklifts or other material handling equipment.
Conditions for Safe Storage:	For Household Settings: Pressurized container. Protect from sunlight. Do not expose to temperatures exceeding 120°F (~50°C). Keep from extreme cold. For Non-Household Settings: Pressurized container. Protect from sunlight. Do not expose to local requirements for Aerosol Level 2. Do not store with oxidizers. Store in a well ventilated area. Other Recommendations: None.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Alcohol	STEL: 1,000 ppm Note: Upper respiratory track irritation. Confirmed animal carcinogen with unknown relevance to humans.	TWA: 1,000 ppm 1,900mg/mm3 29 CFR 1910.1000 Table Z-1 Limits	N/A
	Isobutane	0	N/A	N/A

Propane	TWA: 1000 ppm	TWA: 1000 ppm TWA: 1800 mg/m3 (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m3	N/A
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Personal Protective Equipment

Goggles, Gloves

For Household Settings:

This is a personal care product that is safe for consumers and other users when used as intended.

For Non-Household Settings:

Use in a well ventilated area. Use safety goggles if airborne dust, mist or splash hazards exist. Use gloves and protective clothing (apron, boots etc.) to prevent skin contact. Always follow good hygienic work practices. Avoid prolonged contact with skin and clothing. This is a cosmetic product that is safe for consumers and other users when used as intended.

Section 9. Physical and Chemical Properties

Physical State	Foam
Color	White to off-white
Odor	N/A
Odor Threshold	N/A
Solubility	Dispersible
Partition coefficient Water/n-octanol	N/A
VOC%	N/A
Viscosity	N/A
Specific Gravity	0.8
Density lbs/Gal	1
Pounds per Cubic Foot	N/A
Flash Point	N/A
FP Method	N/A
pH	5. 0- 6.0
Melting Point	N/A
Boiling Point	N/A
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	No data available
Flammability	No data available
Decomposition Temperature	No data available
Auto-ignition Temperature	N.A.
Vapor Pressure	No data available
Vapor Density	>1.0

Section 10. Stability and Reactivity

Conditions to avoid: Avoid extreme heat. Do not store with oxidizers. Keep from ignition sources.
Other Recommendations: None.

Section 11. Toxicological Information

General Information: This is a personal care product that is safe for consumers and other users when used as intended. Additional toxicological information is available from the supplier upon request.

Chronic Effects: The finished product is not expected to have chronic health effects.

Target Organs: No adverse health effects on target organs are expected for finished product.

Carcinogenicity: Finished product is not expected to be carcinogenic.
NTP: No
IARC: No
OSHA: No

Section 12. Ecological Information

Ecotoxicity: The product ingredients are expected to be safe for the environment under normal use and accidental spill scenarios. The product packaging is compatible with solid waste management practices.

Aquatic: No data available.

Terrestrial: No data available.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Mobility in Environment: No data available.

Other adverse effects: No data available.

Section 13. Disposal

Dispose of product in accordance with all Federal, State/Provincial and Local regulations.

For Household Settings: The following instructions are for consumer usage only. Empty can through normal use as instructed on the can. If the can cannot be emptied due to malfunction, the product should be disposed of in a special waste collection for pressurized containers. Contact a local waste handler for additional information.

For Non-Household Settings: The product covered by this MSDS, when disposed as waste, is ignitable hazardous waste, D001, according to Federal RCRA regulations (40 CFR 261). Dispose of product in accordance with all Federal, State/Provincial and Local regulations. Aerosol cans, when disposed as waste, are regulated as D003 reactive hazardous waste in some States because of their potential to explode when heated. Refer to your State environmental agency for further guidance.

Section 14. Transport Information

UN Number	8000
UN Proper Shipping Name	Consumer Commodity
DOT Classification	9
Packing Group	N/A
DOT:	Consumer Commodity, ID 8000, Class 9
IMDG:	UN1950, Aerosol, Class 2.1, Ltd. Qty.
IATA:	Consumer Commodity, ID 8000, Class 9

Section 15. Regulatory Information

SARA 311/312:	Refer to Section 2 of the SDS.
SARA 302:	N.A.
SARA 304:	N.A.
SARA 313:	Isobutane Propane
TSCA:	All components are listed or exempt.
CERCLA Hazardous Substance List:	N.A.
Clean Air Act (CAA) Section 112, 112 (r):	Isobutane Propane
New Jersey Right to Know Components:	Isobutane Propane
Pennsylvania Right to Know Components:	Isobutane Propane
Rhode Island Right to Know Components:	Propane
Massachusetts Right to Know Components:	Isobutane Propane

Section 16. Other Information

Revision Date 8/6/2018

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

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