



# Safety Data Sheet

## MEDLINE GEL HAND SANITIZER

### Section 1. Identification

Product Identifier MEDLINE GEL HAND SANITIZER  
Synonyms HH62G02; HH62G15; HH62G1000; MSD\_SDS0273  
Manufacturer Stock Numbers HH62G02; HH62G15; HH62G1000

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

Manufacturer Contact Address  
Medline Industries, Inc.  
One Medline Place  
Mundelein, IL, 60060  
USA

Phone  
(800) 633-5463

Emergency Phone  
(800) 424-9300  
CHEMTREC

Fax  
(847) 643-4436

Website  
[www.Medline.com](http://www.Medline.com)

### Section 2. Hazards Identification

**Classification:** This product contains a chemical or chemicals considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122).

Classification FLAMMABLE LIQUIDS - Category 3

Signal Word Warning

Pictogram



Hazard Statements Flammable liquid and vapor

Precautionary Statements

Response

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: If breathing is difficult, remove person to fresh air and keep comfortable

for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor /physician.

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/sparks/open flames/hot surfaces. -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/eye protection/face protection

**Storage**

Store in a well-ventilated place. Keep cool.

**Disposal**

Dispose of contents/container to an approved waste disposal plant.

**General**

If medical advice is needed, have product container or label at hand

Ingredients of unknown toxicity 0%

**Hazards not Otherwise Classified**

N.A.

Unknown toxicity: No information available.

Other information: Prolonged or repeated contact may dry skin and cause irritation. May cause slight eye irritation.

Interactions with Other Chemicals: No information available.

**Section 3. Ingredients**

CAS	Ingredient Name	Weight %
7732-18-5	Water	10% - 50%
85507-69-3	Aloe barbadensis extract	0 - 10%
7695-91-2	2H-1-Benzopyran-6-ol, 3,4-dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)	0 - 10%
56-81-5	Glycerin	0 - 10%
110-27-0	Tetradecanoic acid, 1-methylethyl ester	0 - 10%
57-55-6	1,2-Propanediol	0 - 10%
Proprietary	Carbomer	0 - 10%
64-17-5	Ethyl alcohol	50% - 100%

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

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

## 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 applicable, and continue flushing. If symptoms persist, call a physician.
Skin Contact:	In the case of skin irritation or allergic reactions see a physician.
Inhalation:	Move to fresh air. Get medical attention immediately if symptoms occur. If breathing has stopped, contact emergency medical services immediately and give artificial respiration.
Ingestion:	Do NOT induce vomiting. Clean mouth with water and afterwards drink plenty of water. Never give anything by mouth to an unconscious person. Consult a physician if necessary.
Most important symptoms and effects, both acute and delayed:	Most important symptoms/Effects: Burning sensation. Itching. Rashes. Hives. Coughing and/or wheezing. May cause breathing difficulties if inhaled.
Indication of any immediate medical attention and special treatment needed:	Notes 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. In case of fire, use Water spray, Dry Chemical, Alcohol-resistant foam or Carbon Dioxide (CO <sub>2</sub> )
Unsuitable Extinguishing Media	Caution: Use of water spray when fighting fire may be inefficient.
Specific hazards arising from the chemical:	Risk if ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Vapors may form explosive mixtures with air. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks).
Uniform Fire Code:	Flammable Liquid: I-C
Hazardous combustion products:	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 eyes and clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. See section 8 for more information. 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:	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.

## Section 7. Handling and Storage

Precautions for safe handling:

Handling:

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes and clothing. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

Conditions for safe storage, including any incompatibilities:

Storage:

Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. 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
	Water	N/A	N/A	N/A
	Aloe barbadensis extract	N/A	N/A	N/A
	2H-1-Benzopyran-6-ol, 3,4-dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecy	N/A	N/A	N/A
	Glycerin	TWA: 10 mg/m3 (mist)	TWA: 15 mg/m3 mist, total particulate TWA: 5 mg/m3 mist, respirable fraction (vacated) TWA: 10 mg/m3 mist, total particulate (vacated) TWA: 5 mg/m3 mist, respirable fraction	N/A
	Tetradecanoic acid, 1-methylethyl ester	N/A	N/A	N/A
	1,2-Propanediol	N/A	N/A	N/A
	Carbomer	N/A	N/A	N/A
	Ethyl alcohol	STEL: 1,000 ppm	TWA: 1,000 ppm 1,900mg/mm3	N/A
		Note: Upper respiratory track irritation. Confirmed animal carcinogen with unknown relevance to humans.	29 CFR 1910.1000 Table Z-1 Limits	
<p>Personal Protective Equipment</p> <p>Control parameters:</p>	N/A			
<p>Other Exposure Guidelines:</p>	<p>Exposure Guidellines: There is no exposure data pertaining to the product. This section reflects exposure data pertaining to individual ingredients.</p> <p>ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.</p>			
<p>Appropriate Engineering Controls:</p>	<p>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.</p> <p>Engineering Measures: Showers Eyewash stations Ventilation systems</p>			
<p>Individual protection measures, such as personal protective equipment:</p>	<p>Eye/Face Protection: Tight sealing safety goggles.</p> <p>Skin and Body Protection: Wear protective gloves/clothing. Long sleeved clothing. Impervious gloves.</p> <p>Respiratory Protection: No protective equipment is needed under normal use conditions. If irritation is experienced, ventilation and evacuation may be required.</p>			

Hygiene Measures:

Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Avoid contact with eyes and clothing.

## Section 9. Physical and Chemical Properties

Physical State	Gel-like liquid
Color	Clear to slightly hazy, colorless, gel-like liquid
Odor	Alcohol
Odor Threshold	No information available
Solubility	Miscible in water
Partition coefficient Water/n-octanol	No data available
VOC%	N/A
Viscosity	No data available
Specific Gravity	0.9
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	23°C/73°F
FP Method	No data available
Ph	7.0
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:	When used in accordance with the directions. 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. Open flame. Sparks.
Incompatibility (Materials to Avoid)	None known based on information supplied.
Hazardous Decomposition or Byproducts:	Carbon oxides.

## Section 11. Toxicological Information

There is no data for this product. The information included in this section describes the potential hazards of the individual ingredients.

Information on likely routes of exposure:

Product information:

Eye contact:  
Irritating to eyes. May cause redness, itching, and pain.

Skin contact:  
Prolonged contact may cause redness and irritation.

Inhalation:  
May cause irritation of respiratory tract.

Ingestion:  
Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Component Information: No information available.

Chemical name:  
Ethyl Alcohol 62% v/v CAS-No. 64-17-5  
Oral LD50  
-  
Dermal LD50  
-  
Inhalation LC50  
=124.7 mg/L (Rat) 4 h

Information on Toxicological Effects:

Symptoms:  
Redness of the skin. May cause redness and tearing of the eyes. Itching. Rashes. Hives. Coughing and/or wheezing. Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain, or flushing.

Delayed-immediate effects, also chronic effects from short & long term exposure:

Sensitization:  
No information available. Mutagenic Effects:  
No information available. Carcinogenicity:  
The information below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name:  
Carbomer CAS-No. Proprietary  
ACGIH:  
-

IARC:  
Group 3

NTP  
-

OSHA  
-

IARC (International Agency for Research on Cancer)  
Group 3 - Not Classifiable as to Carcinogenicity in Humans.

Reproductive Toxicity:  
Specific Target Organ

No information available.  
No information available.



Toxicity - Single exposure:  
Specific Target Organ No information available.  
Toxicity - Repeated exposure:  
Chronic Toxicity: No information available.  
Target Organ Effects: Eyes. Skin.  
Aspiration hazard: No information available.  
Numerical Measures of Toxicity Product Information: No information available.

## Section 12. Ecological Information

There is no ecological data on the Product. The Product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices.

Ecotoxicity: No information available.  
Persistence and degradability: No information available.  
Bioaccumulation: No information available.  
Other adverse effects: No information available.

## Section 13. Disposal

Waste Treatment Methods: Waste Disposal Methods  
This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated packaging: Dispose of in accordance with local regulations.

US EPA Waste Number: D001

California Hazardous Waste Codes: 331

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

Chemical name:  
Ethyl Alcohol 62% v/v CAS-No. 64-17-5

California Hazardous Waste:  
Toxic  
Ignitable

## Section 14. Transport Information

USDOT:	Limited Quantity - ERG 127
UN Number	UN1170
UN Proper Shipping Name	Ethanol
DOT Classification	3
Packing Group	III
IATA - UN Number:	1170
IATA - UN Proper Shipping Name:	Ethanol
IATA - Hazard Class:	3
IATA - Packing Group:	III
IATA - Description:	UN1170, ETHANOL, 3, III
IMDG - UN Number	1170
IMDG - Proper Shipping Name	ETHANOL
IMDG - Hazard Class:	3
IMDG - Packing Group	III
IMDG - EMS-No:	F-E, S-D
IMDG - Description:	UN1170, ETHANOL, 3, III, (23°C C.C.)

## Section 15. Regulatory Information

SARA 311/312:	N.A.
SARA 302:	N.A.
SARA 313:	N.A.
TSCA:	N.A.
CERCLA Hazardous Substance List:	N.A.
Clean Air Act (CAA) Section 112, 112 (r):	N.A.
New Jersey Right to Know Components:	Glycerin PROPYLENE GLYCOL. ETHYL ALCOHOL.
Massachusetts Right to Know Components:	Ethanol.
Pennsylvania Right to Know Components:	1,2,3-PROPANETRIOL. 1,2-Propanediol. Ethanol.
Rhode Island Right to Know Components:	glycerol. propylene glycol. ethyl alcohol.

## Section 16. Other Information

Revision Date 07/01/2016  
Legend N.A. - Not Applicable  
N.E. - Not Established  
N.D. - Not Determined

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

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

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

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

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

National Fire Protection Association (U.S.A): Physical and Chemical Hazards None.

WHMIS Hazard Class: B2

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