



Safety Data Sheet

SPECTRUM HAND SANITIZER GEL

Section 1. Identification

Product Identifier	SPECTRUM HAND SANITIZER GEL		
Synonyms	HH70G02; HH70G04; HH70G08; HH70G15; HH70G1000; HH70GPACKETH; MSD_SDS0232;		
Manufacturer Stock Numbers	HH70G02; HH70G04; HH70G08; HH70G15; HH70G1000; HH70GPACKETH		
Recommended use	Hand sanitizer		
Uses advised against	No information available.		
Manufacturer Contact Address	Medline Industries, Inc. 3 Lakes Drive Northfield, IL, 60093 USA		
	Phone	Emergency Phone	Fax
	(800) 633-5463	(800) 424-9300 CHEMTREC	(847) 643-4436
	Website		
	www.Medline.com		

Section 2. Hazards Identification

Classification	FLAMMABLE LIQUIDS - Category 3
Signal Word	Danger
Pictogram	A red diamond-shaped pictogram with a black flame symbol in the center, representing a flammable hazard.
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.

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified

N.A.

Section 3. Ingredients

CAS	Ingredient Name	Weight %
7732-18-5	Water	0 - 10%
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	1,2,3-Propanetriol	0 - 10%
110-27-0	Tetradecanoic acid, 1-methylethyl ester	0 - 10%
Proprietary	Fragrance	0 - 10%
64-17-5	Ethyl alcohol	50% - 100%

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:

Flush eyes with large amounts of water for at least 15 minutes. Remove contact lenses, if worn. If irritation persists, seek medical attention.

Skin Contact:

In the case of skin irritation or allergic reactions see a physician.

Inhalation

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If signs/symptoms continue, get medical attention.

Ingestion:

If swallowed 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/effects:

Burning sensation. Itching. Rashes. Hives. Coughing and/or wheezing. May cause breathing difficulties if inhaled.

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. In case of fire, use Water spray, Dry Chemical, Alcohol-resistant foam or Carbon Dioxide (CO ₂)
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: Hazardous combustion products:	Flammable Liquid: I-C 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:	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. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.
Methods and Materials for Containment and Cleaning up:	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 spilled to collect runoff water. Keep out of drains, sewers, ditches and waterways.
Methods for cleaning up:	Take precautionary measures against static discharges. Dam up. Soak with inert absorbent material. Pickup and transfer to properly labeled containers.

Section 7. Handling and Storage

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.
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 area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations.
Incompatible Materials:	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-trimethyltridecyl	N/A	N/A	N/A
	1,2,3-Propanetriol	10 mg/m3 (mist)	Total dust: 15 mg/m3 TWA: 10 mg/m3 Respirable fraction: 5 mg/m3 TWA: 5mg/m3	N/A
	Tetradecanoic acid, 1-methylethyl ester	N/A	N/A	N/A
	Fragrance	2 mg/m3 TWA	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	

Personal Protective Equipment

Goggles, Gloves

Exposure guidelines:

There is no exposure data pertaining to the Product. This section reflects exposure data pertaining to individual ingredients.

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.

Engineering Controls:

Showers. Eyewash stations. Ventilation.

Eye/Face Protection:

Tight sealing safety goggles.

Skin and Body Protection:

Wear protective gloves/clothing. Long sleeved clothing. Impervious gloves.

Respiratory Protection:

No special respiratory protection is recommended under anticipated conditions of normal use with adequate ventilation.

Work/hygienic practices:

Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Safety shower and eye wash should be available close to work areas.

Section 9. Physical and Chemical Properties

Physical State	Gel-like liquid
Color	Clear to slightly hazy, colorless
Odor	Alcohol
Odor Threshold	No information available
Solubility	Miscible with water
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	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:	No data available.
Chemical Stability:	Stable under recommended storage conditions.
Possibility of Hazardous Reactions:	None under normal processing.
Hazardous Polymerization	Does not occur.
Conditions to avoid:	Keep away from heat. Open flame. Sparks.
Incompatible Materials:	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.
Likely Routes of Exposure: Eye	Irritating to eyes. May cause redness, itching, and pain.
Likely Routes of Exposure: Skin	Prolonged contact may cause redness and irritation.
Likely Routes of Exposure: Inhalation	May cause irritation of respiratory tract.
Likely Routes of Exposure: Ingestion	Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Likely Routes of Exposure: Component information:	No information available.
Acute Toxicity: Inhalation LC50	Ethyl Alcohol CAS No. 64-17-5 Species: Rat 124.7 mg/L 4hours
Acute Toxicity: Dermal LD50:	Glycerin CAS No. 56-81-5 Species: Rabbit >10 g/kg
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: N.A. Reproductive Toxicity: No information available. Aspiration Hazard: No information available.
Specific Target Organ Toxicity - Single exposure:	No information available.
Specific Target Organ Toxicity - Repeated exposure:	No information available.
Chronic Toxicity:	No information available.
Target Organ Effects:	Eyes. Skin.
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 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

California Hazardous Waste: This product contains one or more substances that are listed with the State of California as a hazardous waste.
Ethyl Alcohol
CAS-No. 64-17-5
Toxic
Ignitable

Section 14. Transport Information

UN Number 1170
UN Proper Shipping Name CONSUMER COMMODITY
DOT Classification ORM-D
Packing Group III
Emergency Response Guide Number: 127
TDG - UN Number: 1170
TDG - UN Proper Shipping Name: Ethanol
TDG - Hazard Class: 3
TDG - Packing Group: III
MEX - UN Number: 1170
MEX - UN Proper Shipping Name: Ethanol
MEX - Hazard Class: 3
MEX - Packing Group: III
ICAO - UN Number: 1170
ICAO - UN Proper Shipping Name: Ethanol
ICAO - Hazard Class: 3
ICAO - Packing Group: III
IATA - UN Number: 1170
IATA - UN Proper Shipping Name: Ethanol
IATA - Hazard Class: 3
IATA - Packing Group: III
IMDG - UN Number 1170
IMDG - UN Proper Shipping Name Ethanol
IMDG - Hazard Class: 3
IMDG - Packing Group III
IMDG - EMS-No: F-E, S-D
RID - UN Number 1170
RID - UN Proper Shipping Name: Ethanol Solution
RID - Hazard Class: 3
RID - Packing Group: III
RID - Classification Code: F1
ADR - UN Proper Shipping Name: Ethanol Solution
ADR - Hazard Class: 3
ADR - Packing Group: III
ADR - Classification Code: F1
ADR - Tunnel Restriction Code: (D/E)
ADN - UN Number: 1170
ADN - UN Proper Shipping Name: Ethanol Solution
ADN - Hazard Class: 3
ADN - Packing Group: III

ADN - Classification Code: F1
ADN - Special Provisions: 144, 601
ADN - Limited Quantity: 5L
ADN - Ventilation: VE01

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 ETHYL ALCOHOL.
Massachusetts Right to Know Components: Ethanol.
Pennsylvania Right to Know Components: 1,2,3-PROPANETRIOL.
Ethanol.
Rhode Island Right to Know Components: glycerol.
ethyl alcohol.

Section 16. Other Information

Revision Date 2/9/2017

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.

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