



Safety Data Sheet

SPECTRUM ANTIBACTERIAL HAND SOAP

Section 1. Identification

Product Identifier	SPECTRUM ANTIBACTERIAL HAND SOAP		
Synonyms	HHABSPG; HHABSP04; HHABSP16; HHABSP75; HHABSP1000; MSD_SDS0273		
Manufacturer Stock Numbers	HHABSPG; HHABSP04; HHABSP16; HHABSP75; HHABSP1000		
Recommended use	Hand soap.		
Uses advised against	No information available.		
Manufacturer Contact Address	Medline Industries, Inc. One Medline Place Mundelein, IL, 60060 USA		
	Phone	Emergency Phone	Fax
	(800) 633-5463	(800) 424-9300 CHEMTREC	(847) 643-4436
	Website		
	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	EYE DAMAGE/IRRITATION - Category 2A SKIN CORROSION/IRRITATION - Category 2
Signal Word	Warning
Pictogram	



Hazard Statements	Causes serious eye irritation Causes skin irritation
Precautionary Statements Response	If eye irritation persists: Get medical advice/attention.

	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Specific treatment (see supplemental first aid instructions on this label) Take off contaminated clothing and wash it before reuse.
Prevention	Wash affected are thoroughly after handling. Wear eye protection/face protection. Wear protective gloves/protective clothing/eye protection/face protection.
Storage	N/A
Disposal	N/A
Ingredients of unknown toxicity	0%
Hazards not Otherwise Classified	
Hazards not otherwise classified:	Not applicable.
Unknown toxicity:	2.585% of the mixture consists of ingredient(s) of unknown toxicity.
Other information:	Harmful to aquatic life with long lasting effects.
Interactions with Other Chemicals:	No information available.

Section 3. Ingredients

CAS	Ingredient Name	Weight %
68391-01-5	Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	0 - 10%
112-02-7	1-Hexadecanaminium, N,N,N-trimethyl-, chloride	0 - 10%
56-81-5	Glycerin	0 - 10%
61792-31-2	Dodecanamide, N-[3-(dimethyloxidoamino)propyl]-	0 - 10%
68140-00-1	Amides, coco, N-(hydroxyethyl)	0 - 10%
67806-10-4	Tetradecanamide, N-[3-(dimethyloxidoamino)propyl]-	0 - 10%
7647-14-5	Sodium chloride (NaCl)	0 - 10%
86893-19-8	Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy-, ether with methyl D-gl	0 - 10%
77-92-9	1,2,3-Propanetricarboxylic acid, 2-hydroxy-	0 - 10%
64-02-8	Glycine, N,N'-1,2-ethanediylbis[N-(carboxymethyl)-, tetrasodium salt	0 - 10%
7727-73-3	Sodium Sulfate	0 - 10%
2682-20-4	3(2H)-Isothiazolone, 2-methyl-	0 - 10%
25956-17-6	2-Naphthalenesulfonic acid, 6-hydroxy-5-[(2-methoxy-5-methyl-4-sulfophenyl)azo]-	0 - 10%
1934-21-0	1H-Pyrazole-3-carboxylic acid, 4,5-dihydro-5-oxo-1-(4-sulfophenyl)-4-[(4-sulfoph	0 - 10%
26172--55-4	Methylchloroisothiazolinone	0 - 10%
	Fragrance	0 - 10%
7732-18-5	Water	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

Eye Contact:	Rinse thoroughly with plenty of water, also under the eyelids. Keep eye wide open while rinsing. 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. If symptoms persist, call a physician.
Ingestion:	Do NOT induce vomiting. Clean mouth with water and afterwards drink plenty of water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.
Most important symptoms and effects, both acute and delayed:	Most important symptoms/Effects: Burning sensation.
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.
Unsuitable Extinguishing Media	CAUTION: Use of water spray when fighting fire may be inefficient.
Specific hazards arising from the chemical:	No information available.
Uniform Fire Code:	Irritant: Liquid
Hazardous combustion products:	Carbon oxides.
Explosion data:	Sensitivity to Mechanical Impact: No. Sensitivity to Static Discharge: No.
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. Other information: Refer to protective measures listed in Sections 7 and 8.
Environmental Precautions:	Environmental Precautions: Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so.
Methods and Materials for Containment and Cleaning up:	Methods for Containment: Prevent further leakage or spillage if safe to do so. 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 eyes.

Conditions for safe storage, including any incompatibilities:

Storage:
Keep in tightly closed containers in a dry and cool place. Keep in properly labeled containers.

Incompatible materials:
None known based on information supplied.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	N/A	N/A	N/A
	1-Hexadecanaminium, N,N,N-trimethyl-, chloride	N/A	N/A	N/A
	Glycerin	TWA: 10 mg/m ³ (mist)	TWA: 15 mg/m ³ mist, N/A total particulate TWA: 5 mg/m ³ mist, respirable fraction (vacated) TWA: 10 mg/m ³ mist, total particulate (vacated) TWA: 5 mg/m ³ mist, respirable fraction	
	Dodecanamide, N-[3-(dimethyloxidoamino)propyl]-	N/A	N/A	N/A
	Amides, coco, N-(hydroxyethyl)	N/A	N/A	N/A
	Tetradecanamide, N-[3-(dimethyloxidoamino)propyl]-	N/A	N/A	N/A
	Sodium chloride (NaCl)	N/A	N/A	N/A
	Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy-, ether with methyl D-gl	N/A	N/A	N/A
	1,2,3-Propanetricarboxylic acid, 2-hydroxy-	N/A	N/A	N/A
	Glycine, N,N'-1,2-ethanediylbis[N-(carboxymethyl)-, tetrasodium salt	N/A	N/A	N/A
	Sodium Sulfate	N/A	N/A	N/A
	3(2H)-Isothiazolone, 2-methyl-	N/A	N/A	N/A
	2-Naphthalenesulfonic acid, 6-hydroxy-5-[(2-methoxy-5-methyl-4-sulfophenyl)azo]-	N/A	N/A	N/A
	1H-Pyrazole-3-carboxylic acid, 4,5-dihydro-5-oxo-1-(4-sulfophenyl)-4-[(4-sulfoph	N/A	N/A	N/A
	Methylchloroisothiazolinone	N/A	N/A	N/A
	Fragrance	N/A	N/A	N/A
	Water	N/A	N/A	N/A
Personal Protective Equipment	N/A			

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.

Other Exposure Guidelines: Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992)

Appropriate Engineering Controls: Engineering Measures:

Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment:

Eye/Face Protection:
None required for consumer use. Safety glasses with side shields are recommended for medical or industrial exposures.

Skin and Body Protection:
None required for consumer use.

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.

Section 9. Physical and Chemical Properties

Physical State	Slightly viscous liquid
Color	Clear, orange-pink, slightly viscous liquid
Odor	Floral, soapy
Odor Threshold	No information available
Solubility	Miscible with water
Partition coefficient Water/n-octanol	None known
VOC%	N/A
Viscosity	No data available
Specific Gravity	1
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	None known
FP Method	None known
Ph	4.8
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:	None known
Incompatibility (Materials to Avoid):	None known.
Hazardous Decomposition or Byproducts:	Carbon oxides. When used in accordance with the directions.

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. Expected to be an irritant based on components. May cause redness, itching, and pain.

Skin contact:

Expected to be an irritant based on components irritating to skin. Prolonged contact may cause redness and irritation.

Inhalation:

There is no data available for this product.

Ingestion:

There is no data available for this product. Ingestion may cause irritation to mucous membranes.

Component Information:

Chemical name:

Glycerin CAS-No. 56-81-5

Oral LD50

-

Dermal LD50

> 10 g/kg (Rabbit)

Inhalation LC50

> 570 mg/m³ (Rat) 1 h

Cocamide MEA CAS-No. 68140-00-1

Oral LD50

= 3300 mg/kg (Rat)

Dermal LD50

-

Inhalation LC50

-

Sodium Chloride CAS-No. 7647-14-5

Oral LD50

= 3 g/kg (Rat)

Dermal LD50

-

Inhalation LC50

> 42 g/m³ (Rat) 1 h

Sodium Sulfate CAS-No. 7727-73-3

Oral LD50

> 10000 mg/kg (Rat)

Dermal LD50

-

Inhalation LC50

-

Methylchloroisothiazolinone CAS-No. 26172-55-4

Oral LD50

= 481 mg/kg (Rat)

Dermal LD50

> 1008 mg/kg (Rat)

	Inhalation LC50 = 1.23 mg/L (Rat) 4 h
Information on Toxicological Effects:	Symptoms: Redness of the skin. May cause redness and tearing of the eyes.
Delayed-immediate effects, also chronic effects from short & long term exposure:	Sensitization: No information available. Mutagenic Effects: No information available. Carcinogenicity: Contains no ingredient listed as a carcinogen.
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:	Eyes. Skin.
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) 10,935.00 mg/kg ATEmix (dermal) 12,500.00 mg/kg (ATE) ATEmix (inhalation-dust/mist) 75.40 mg/L

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:	The environmental impact of this product has not been fully investigated.
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.
California Hazardous Waste Codes:	561

Section 14. Transport Information

UN Number	N/A
UN Proper Shipping Name	Not Regulated
DOT Classification	Not Regulated
Packing Group	Not Regulated

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
Pennsylvania Right to Know Components:	1,2,3-PROPANETRIOL.
Rhode Island Right to Know Components:	glycerol.

Section 16. Other Information

Revision Date 6/22/2016

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 O

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

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 O

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

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