Safety Data Sheet

SPECTRUM ANTIBACTERIAL HAND SOAP

Section 1. Identification

Product Identifier	SPECTRUM ANTIBACTERIAL HAND SOAP
Synonyms	MSD_SDS0274; HHABSPG; HHABSP04; HHABSP16; HHABSP75; HHABSP1000
Manufacturer Stock Numbers	HHABSPG; HHABSP04; HHABSP16; HHABSP75; HHABSP1000
Recommended use	Hand soap.
Uses advised against	No information available.

Manufacturer Contact

Address

Medline Industries, Inc.
3 Lakes Drive
Northfield, IL, 60093
USA

Phone	Emergency Phone	Fax
(800) 633-5460	(800) 424-9300 CHEMTREC	(847) 643-4436

Website

www.Medline.com

Section 2. Hazards Identification

Classification	EYE DAMAGE/IRRITATION - Category 2
Signal Word	Warning
Pictogram	

Hazard Statements	Causes serious eye irritation
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
Prevention	Wash face, hands and any exposed skin thoroughly after handling. Wear eye/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:	1.50001% of the mixture consists of ingredients(s) of unknown toxicity.
Other Information:	Causes mild skin irritation Harmful to aquatic life with long lasting effects Toxic to aquatic life
Interactions with Other Chemicals:	No information available.

Section 3. Ingredients

CAS	Ingredient Name	Weight %
7732-18-5	Water	50% - 100%
61789-40-0	Cocamidopropyl Betaine	10% - Max
3567-66-6	2,7-Naphthalenedisulfonic acid, 5-amino-4-hydroxy-3-(phenylazo)-, disodium salt	10% - Max
25956-17-6	2-Naphthalenesulfonic acid, 6-hydroxy-5-[(2-methoxy-5-methyl-4-sulfophenyl)azo]-	10% - Max
1934-21-0	1H-Pyrazole-3-carboxylic acid, 4,5-dihydro-5-oxo-1-(4-sulfophenyl)-4-[(4-sulfoph	10% - Max
4065-45-6	Benzenesulfonic acid, 5-benzoyl-4-hydroxy-2-methoxy-	10% - Max
6440-58-0	2,4-Imidazolidinedione, 1,3-bis(hydroxymethyl)-5,5-dimethyl-	10% - Max
64-02-8	Glycine, N,N'-1,2-ethanediylbis[N-(carboxymethyl)-, tetrasodium salt	10% - Max
77-92-9	1,2,3-Propanetricarboxylic acid, 2-hydroxy-	10% - Max
53533-75-8	Disteareth-75 IPDI	10% - Max
56-81-5	Glycerin	10% - Max
112-02-7	1-Hexadecanaminium, N,N,N-trimethyl-, chloride	10% - Max
58846-77-8	Decyl Glucoside	10% - Max
7647-14-5	Sodium chloride (NaCl)	10% - Max
9005-08-7	PEG-150 Distearate	10% - Max
1643-20-5	1-Dodecanamine, N,N-dimethyl-, N-oxide	10% - Max
	Fragrance	10% - Max
68391-01-5	Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	0.13% - Min

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. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.
Skin Contact:	If skin irritation or allergic reactions occur, see a physician.
Inhalation	Remove to fresh air.
Ingestion:	Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.
Most important symptoms and effects, both acute and delayed:	Most Important Symptoms and 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
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. Use personal protective equipment as required. Other information: Refer to protective measures listed in Sections 7 and 8.
Environmental Precautions:	Environmental Precautions: See section 12 for additional ecological information.
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: Soak up with inert absorbent material. 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. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities:

Storage:
Keep containers tightly closed in a dry, cool and well-ventilated place.

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
Cocamidopropyl Betaine	N/A	N/A	N/A
2,7-Naphthalenedisulfonic acid, 5-amino-4-hydroxy-3-(phenylazo)-, disodium salt	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
Benzenesulfonic acid, 5-benzoyl-4-hydroxy-2-methoxy-	N/A	N/A	N/A
2,4-Imidazolidinedione, 1,3-bis(hydroxymethyl)-5,5-dimethyl-	N/A	N/A	N/A
Glycine, N,N'-1,2-ethanediylbis[N-(carboxymethyl)-, tetrasodium salt	N/A	N/A	N/A
1,2,3-Propanetricarboxylic acid, 2-hydroxy-	N/A	N/A	N/A
Disteareth-75 IPDI	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

1-Hexadecanaminium, N,N,N-trimethyl-, chloride	N/A	N/A	N/A
Decyl Glucoside	N/A	N/A	N/A
Sodium chloride (NaCl)	N/A	N/A	N/A
PEG-150 Distearate	N/A	N/A	N/A
1-Dodecanamine, N,N-dimethyl-, N-oxide	N/A	N/A	N/A
Fragrance	N/A	N/A	N/A
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	N/A	N/A	N/A

Personal Protective Equipment
N/A

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

Appropriate Engineering Controls:
Engineering Measures:
Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment:
Eye/Face Protection:
Wear safety glasses with side shields (or goggles).

Skin and Body Protection:
Wear protective gloves and protective clothing.

Respiratory Protection:
If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures:
Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

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	1.01
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	None known
FP Method	None known
pH	5.0
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	Hazardous polymerization does not occur.
Conditions to avoid:	None known
Incompatibility (Materials to Avoid):	None known.
Hazardous Decomposition Products	None known.
	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:
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:
Water CAS-No. 7732-18-5
Oral LD50
> 90 mL/kg (Rat)
Dermal LD50
-
Inhalation LC50
-

Cocamidopropyl Betaine CAS-No. 61789-40-0
Oral LD50
= 4900 mg/kg (Rat)
Dermal LD50
-
Inhalation LC50
-

Sodium Chloride-No. 7647-14-5
Oral LD50
= 3 g/kg (Rat)
Dermal LD50
-
Inhalation LC50
> 42 g/m3 (Rat) 1 h

Glycerin CAS-No. 56-81-5
Oral LD50
-
Dermal LD50
> 10 g/kg (Rabbit)
Inhalation LC50
-

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.
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) 30,225.00 mg/kg ATEmix (dermal) 33,333.00 mg/kg (ATE)

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	Toxic to aquatic organisms. Harmful to aquatic life with long lasting effects.
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:	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.
State Regulations:	New Jersey Dept. of Health RTK: Glycerin Pennsylvania RTK: Glycerin Rhode Island RTK: Glycerin

Section 16. Other Information

Revision Date	7/20/2018
Legend	N.A. - Not Applicable N.E. - Not Established N.D. - Not Determined
HMIS (U.S.A.): Health Hazard	2
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	2
National Fire Protection Association (U.S.A): Flammability	0
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