



MATERIAL SAFETY DATA SHEET

1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT TRADE NAME:	SURESAN ANTIBACTERIAL LIQUID HAND SOAP
VARIANTS:	Lavender
VOLUME:	500ml, 5000 ml
RECOMMENDED USE:	Used as an antibacterial liquid hand soap, personal care
SHELF LIFE:	3 years from the date of production
SUPPLIER DETAILS:	SURESAN, UNIT 10 KITES CROFT BUSINESS PARK, FAREHAM, HAMPSHIRE, PO14 4LW SureSan is a trading division of SMI Int Group Ltd. Company number: 07644080 0333 006 5820 sales@suresan.com

Medical Emergencies: Contact Local Poison Control Center in your country or contact your physician.

2 - INGREDIENTS AND IDENTITY INFORMATION

Ingredients INCI Names:	Wt %:	CAS No:	Function:
Aqua	83.8874	7732-18-5	Diluting Agent
Sodium Laureth Sulfate	7,5	1335-72-4	Anionic Surface Active Agent
Cocamidopropyl Betaine	3,5	61789-40-0	Amphoteric Surface Active Agent
Cocamide DEA	1,7	68603-42-9	Nonionic Surface Active Agent
Glycerin	1,3	56 - 81 - 5	Humectant
Sodium Chloride	1,2	7647-14-5	Rheology Modifier
Parfum	0,3	-	Fragrance
Citric Acid	0,18	77-92-9	pH Modifier
Tetrasodium EDTA	0,15	64-02-8	Chelating Agent
Benzalkonium Chloride	0,15	68391-01-5	Antimicrobial Agent, Antiseptic and Disinfectant
Aqua, Magnesium Nitrate, Methylchloroisothiazolinone, Magnesium Chloride, Methylisothiazolinone	0,065	7732-18-5, 10377-60-3, 26172-55-4, 7786-30-3, 2682-20-4	Preservatives
Benzophenone-4	0,05	4065-45-6	UV Absorber/Filter, Color Protector
CI 17200 / CI 42090	0.0006	3567-66-6 / 3844-45-9	Colorants / Dyes
Flavoring Substances identified by the SCCS as likely to cause allergic reactions according to Annex III of Cosmetics Directive 1223/2009 as per product variant:			
SURESAN Antibacterial Liquid Hand Soap / Lavender			
Ingredients INCI Names:	Wt %:	CAS No:	Function:
Linalool	0,017	78-70-6	Flavoring Agent

Where necessary the exact concentration of ingredients can be withheld as a trade secret.

3 - HAZARDS IDENTIFICATION

3.1. Classification of the substance or mixture

Classification according to Regulation (EC) No: 1272/2008 [CLP]: CLP classification is not requested.

This mixture does not present any physical hazard and health hazard. Possible occupational exposure thresholds are indicated in paragraph 8. This mixture does not present an environmental hazard. Not known or foreseeable environmental damage under standard conditions of use.

Classification according to Directive 67/548/EEC or 1999/45/EC: Not classified.

This mixture does not present any physical hazard and health hazard. Possible occupational exposure thresholds are indicated in paragraph 8. This mixture does not present an environmental hazard. Not known or foreseeable environmental damage under standard conditions of use.

3.2. Label elements

Labelling according to Regulation (EC) No: 1272/2008 [CLP]: CLP classification is not requested.

Labelling according to Directive 67/548/EEC or 1999/45/EC:

Hazard Symbols: None / Not classified

Risk Phrases: Not classified as dangerous according to the criteria of directive(s) 67/548/EEC and/or 1999/45/EC

Safety Phrases: S2 - Keep out of reach of children
S46 - If swallowed, seek medical advice immediately showing the container/label.
S26 - in case of contact with eyes, rinse immediately with plenty of water.

3.3. Other hazards

The mixture does not contain substances classified as "Substances of Very High Concern" (SVHC) $\geq 0.1\%$ published by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>
Does not contain any PBT* or vPvB* substances.
(PBT* - persistent, bioaccumulative, toxic / vPvB* - very persistent, very bioaccumulative)

3.4. Precautions to consider

This product contains chemical ingredients that may cause cutaneous hypersensitivity reactions and allergic-type reactions including anaphylactic symptoms. Persons developing hypersensitivity reactions must receive immediate medical attention. As a general rule, persons working with chemicals should consider all chemicals to be potentially hazardous even if their individual hazards may be uncharacterized or unknown.

3.5. Toxicity

The concentration of active ingredients in this product does not pose a significant hazard under normal prescribed use and conditions. Accidental or intentional overuse of the product may result in systemic toxicity or local irritation.

3.6. Carcinogenicity

Animal studies to determine the carcinogenic potential of this product have not been conducted.

3.7. Reproduction Toxicity

Animal reproduction studies have not been conducted with topical application. It is also not known whether it can cause fetal harm when used topically on a pregnant woman, or can affect reproductive capacity. It is also not known whether topical application is absorbed or excreted in human milk.

3.8. Potential Health Effects

Inhalation: Not expected to be irritating to the respiratory system.

Skin: Not expected to be irritating, sensitizing, photo allergenic or phototoxic when is used as intended.

Ingestion: This product is not intended for ingestion. Accidental ingestion of undiluted product may cause gastrointestinal irritation with nausea, vomiting and diarrhea.

Eye: This product is not intended for ocular use. Contact may cause transient irritation and some redness.

Conditions aggravated by exposure: Persons with pre-existing skin disorders, eye problems, with impaired liver, kidney or respiratory function may be more susceptible to the effects of this product.

4 - FIRST AID MEASURES

Take precautions to ensure your own health and safety before attempting rescue and providing first aid.

Inhalation: It is unlikely that emergency treatment will be required. If respiratory irritation occurs, remove the individual to fresh air. No available data for health effects associated with long term inhalation.

Eye: Holding the eyes open thorough rinsing with water for 10 - 15 minutes is recommended. Remove contact lenses if any. If discomfort or irritation persists, contact a physician.

Skin: It is unlikely that emergency treatment will be required. If discomfort or irritation develops, it will be mild and transient.

Ingestion: Accidental ingestion of product may necessitate medical attention. Wash out mouth with water. Remove dentures if any. Remove individual to fresh air and keep him/her in a comfortable for breathing position. Give the individual some water or milk to drink. Do not induce vomiting unless directed to do so by a physician as it may be dangerous. If vomiting occurs keep the head low so that vomit doesn't enter the lungs. Never insert something to the mouth of unconscious person. Place unconscious person in recovery position and loosen tight clothing.

5 - FIRE FIGHTING MEASURES

Extinguishing Media: The choice of extinguishing media can be made as per surrounding areas, potential size of fire. Foam, Dry Chemical Powder, Carbon Dioxide, Water can be used for extinguishing nearby fires. It is recommended to plan fire protection through consultation with local fire protection authorities or appropriate specialists.

Fire Fighting Instructions: Contact firefighting emergency personnel. Make sure that everybody uses self-contained breathing apparatus (SCBA) equipped with a full face-piece and operated in a pressure-demand mode and full protective clothing, if large quantities of product are involved. Personnel without suitable respiratory protection must leave the area to prevent significant exposure to hazardous gases from combustion, burning or decomposition. In an inclosed or poorly ventilated area, wear SCBA during cleanup immediately after a fire as well as during firefighting operations.

Decomposition: During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Nitrous oxides, CO, CO₂.

6 - ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Handle in accordance with good industrial hygiene and safety practice. Spilled material may present a slipping hazard. Avoid prolonged contact with eyes, skin and clothing. Avoid breathing (vapors, mist)

6.2. For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

6.3. For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate the area.

6.4. Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

6.5. Methods and Material for Containment and Cleaning Up

For Containment: Absorb and/or contain spill with inert material, then place in suitable container.

Methods for Cleaning Up: In case of major spillages use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing). Do not inhale the vapour or mist. Provide an adequate ventilation. Avoid dispersal of spilt material, prevent its runoff and contact with soil, waterways, drains and sewers. Use absorbant material. Collect and seal in properly labelled containers for disposal in accordance with local regulations. Wash up the area with water to remove residual material.

7 - HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with soap and water before eating, drinking, or smoking and again when leaving work. Remove contaminated clothing and wash it before reuse. Avoid contact with eyes and skin. Avoid ingestion and inhalation.

7.2. Conditions for Safe Storage

Technical Measures: Comply with applicable regulations.

Storage Conditions: Store in a tightly closed container, in a dry, cool and well-ventilated place away from incompatible substances. Keep container closed when not in use. Keep/store away from extremely high or low temperatures, direct sunlight, heat.

Incompatible Materials: Strong acids. Strong oxidizers.

8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1. Control Parameters

No Occupational Exposure Limits (OELs) have been established for this product or its chemical components.

8.2. Exposure Controls

Appropriate Engineering Controls: For Occupational workplace settings: Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/ local regulations are observed.

Personal Protective Equipment: For Occupational workplace settings and bulk quantities: Gloves, Protective goggles, Protective clothing.

Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear chemically resistant protective gloves.

Eye/Face Protection: Avoid contact with eyes. In case of splash hazard: safety glasses.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: Not generally required under normal conditions of use.

Other Information: When using, do not eat, drink or smoke.

9 - PHYSICAL AND CHEMICAL PROPERTIES

Color, Odor and Appearance: Viscous liquid with characteristic odor

Physical State:	Liquid / Fluid.	Melting Point:	Not Applicable.
Solubility in Water:	Soluble.	Freezing Point:	Not Applicable.
Evaporation Rate:	Not Applicable.	Boiling Point:	>212°F (100°C)
Flammability Limits:	Not Flammable	Flash Point:	Not combustible.
pH:	5.2 - 5.8	Viscosity:	3.200 mPa·s, 20°C

10 - STABILITY AND REACTIVITY

Reactivity: No specific data related to reactivity available for this product or its ingredients

Chemical Stability: Stable under recommended handling and storage conditions

Hazardous reactions: Under normal conditions of storage and use, hazardous reactions won't occur

Conditions to Avoid: Excessive heat, direct sunlight, frost

Hazardous decomposition: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11 - TOXICOLOGICAL INFORMATION

The product under intended and reasonably foreseeable use is safe for consumers and other users.

Ingestion: May cause irritation to mouth, throat and stomach. Symptoms may include vomiting, abdominal pain, diarrhea and nausea.

Eye: May cause mild and transient irritation to eyes.

Skin: Not expected to be irritating, sensitizing, photo allergenic or phototoxic.

Inhalation: Non hazardous due to the non-volatile nature of the product.
Chronic Effects: Finished product is not expected to have chronic health effects.
Target Organs: No adverse health effects on target organs expected for finished product.

Additional information on toxicological endpoints is available from the supplier upon request.

12 - ECOLOGICAL INFORMATION

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. Additional information is available from the supplier on request.

13 - DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

Waste Treatment Methods

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals. Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company. Do not contaminate the ground or water with waste, do not dispose of waste into the environment. Should not be discharged without pre-treatment.

Soiled packaging: Empty container completely. Keep label(s) on container. Give to a certified disposal contractor.

Local arrangements: Codes of wastes (Decision 2001/573/EC, Directive 2006/12/EEC, Directive 94/31/EEC on hazardous waste)

14 - TRANSPORT INFORMATION

Finished packaged product transported by ground (DOT, ADR, RID)	Non - Hazardous / Non - Dangerous
Finished packaged product transported by vessel (IMDG)	Non - Hazardous / Non - Dangerous
Finished packaged product transported by air (IATA, ICAO)	Non - Hazardous / Non - Dangerous

15 - REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

*Directive 67/548/EEC and its adaptations

*Directive 1999/45/EC and its adaptations

*Regulation (EC) No 1272/2008 of the European Parliament and of the Council from 16 Dec. 2008 on classification, labeling and packaging of substances and mixtures (as amended). Cosmetic Regulation (EC) No 1223/2009

*Regulation (EC) No 1907/2006 of the European Parliament and of the Council from 18.12.2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94

*Substances that deplete the ozone layer (EC Regulation No. 1005/2009, Montreal Protocol)

*EU DPD (Dangerous Products Directive) Classification (DPD 88/379/EEC).

16 - OTHER INFORMATION

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Abbreviations:

ADR: European agreement concerning the international carriage of dangerous goods by Road.

IMDG: International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO: International Civil Aviation Organization

RID: Regulations concerning the International carriage of Dangerous goods by rail.

This MSDS summarises to our best knowledge the health and safety hazard information for the product and general guidance on how to safely handle the product in the workplace. Each user must, prior to usage, assess and control the risks arising from its use of the product in the workplace, including in conjunction with other products. This information is presented in good faith and is based on current data considered to be correct to the best of our knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract.