

Safety Data Sheet

SAFE HANDS ANTIBACTERIAL HAND SOAP

Issue Date: 1st of September 2021

Revision No: 2.1

1. Chemical Product and Company Identification

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| Product Name | Safe Hands Antibacterial Hand Soap |
| Other Means of Identification | None |
| Product Code | SHA 1 |
| Product Use | Washing of the hands |
| Supplier | Compliant Cleaning Supplies & Systems Pty Ltd |
| ABN | 27 144 521 200 |
| Mail Address | 5/150 Edmondstone St Wilston QLD 4051 |
| Email | info@compliantcs.com.au |
| Telephone: | 1300 314 491 |
| Emergency Telephone: | Poisons Information Centre (National) 131126 |

2. Hazards Identification

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO SWA/ASCC CRITERIA
NOT CLASSIFIED AS A DANGEROUS GOODS BY THE CRITERIA OF THE ADG CODE

SIGNAL WORD NONE. Not hazardous.

Prevention

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| P102: | Keep out of reach of children. |
| P262: | Do not get in eyes, on skin, or on clothing. |
| P281: | Use personal protective equipment as required. |

Read the SDS before using this product.

Response

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| P353: | Rinse skin or shower with water. |
| P301+P330+P331: | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. |
| P370+P378: | In case of fire, use carbon dioxide, dry chemical, foam, water fog. |

Storage

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| P404: | Store in a closed container. |
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Disposal

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| P501: | Dispose of small quantities and empty containers by wrapping with paper and putting in garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service. |
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3. Composition/Information on Ingredients

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(Listed when present at 1% or greater, carcinogens at 0.1% or greater)

| Chemical Name | CAS Registry Number | % Weight | Hazard Information |
|--|---------------------|----------|--|
| Sodium lauroyl sarcosinate | 137-16-6 | <5 | H330: Fatal if inhaled. H315: Causes skin irritation. H318: Causes serious eye damage. H317: May cause an allergic skin reaction. |
| Cocoamidopropyl Sultaine | 70851-08-0 | <5 | H319: Causes serious eye irritation |
| Didecyl Dimethylammonium Chloride | 7173-51-5 | <1 | H301: Toxic if swallowed H314: Causes severe skin burns and eye damage H318: Serious eye damage Category 1 H400: Acute aquatic toxicity Category 1 H412: Harmful to aquatic life with long lasting effects |
| Other ingredients determined not to be hazardous | Mixture | To 100 | None |

The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

4. First Aid Measures

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| General | For advice, contact a Poisons Information Centre (Australia 13 11 26) or a doctor. If swallowed, do NOT induce vomiting. Immediately give a glass of water. |
| Inhalation | First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor. |
| Skin | Irritation is unlikely. However, if irritation does occur, flush with lukewarm, gently flowing water for 5 minutes or until chemical is removed. |
| Eyes | Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes or until the product is removed, while holding the eyelid(s) open. Obtain medical advice immediately if irritation occurs. Take special care if exposed person is wearing contact lenses. |
| Ingestion | If product is swallowed or gets in mouth, do NOT induce vomiting; wash mouth with water and give some water to drink. If symptoms develop, or if in doubt contact a Poisons Information Centre or a doctor. |

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. Fire Fighting Measures

Extinguishing Media | Not combustible. Use extinguishing media suited to burning

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| Fire Fighting | materials. If a significant quantity of this product is involved in a fire, call the fire brigade. |
| Fire and Explosion Hazards | The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. Only small quantities of decomposition products are expected from this product at temperatures normally achieved in a fire. This will only occur after heating to dryness. Fire decomposition products from this product are not expected to be hazardous or harmful. |
| Flash point: | Does not burn. |
| Upper Flammability Limit: | Does not burn. |
| Lower Flammability Limit: | Does not burn. |
| Autoignition temperature: | Not applicable - does not burn. |
| Flammability Class: | Does not burn. |

6. Accidental Release Measures

Accidental release: This product is sold in small packages, and the accidental release from one of these is not usually a cause for concern

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| Minor spills | For minor spills, refer to product label for specific instructions. It is good practice to wear rubber or PVC gloves when handling this product. |
| Major spills | In the event of a major spill, prevent spillage from entering drains or water courses and call emergency services. Do not allow to contact with ingredients mentioned in Section 10 below. |

7. Precautions for handling and storage

Precautions for safe handling

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| Precautions for Safe Handling | Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10. |
| Storage | Make sure that containers of this product are kept tightly closed. Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. Some liquid preparations settle or separate on standing and may require stirring before use. Check packaging - there may be further storage instructions on the label. |

8. Exposure controls /personal protection

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: AS/NZS 4501 set 2008, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

SWA Exposure Limits **TWA (mg/m³)** **STEL (mg/m³)**

Exposure limits have not been established by SWA for any of the significant ingredients in this product.

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

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| Ventilation: | This product should only be used in a well ventilated area. If natural ventilation is inadequate, use of a fan is suggested. |
| Eye Protection: | Protective glasses or goggles must be worn when this product is being used. Failure to protect your eyes may lead to severe harm to them or to general health. Emergency eye wash facilities must also be available in an area close to where this product is being used. |
| Skin Protection: | Prevent skin contact by wearing impervious gloves, clothes and, preferably, apron. Make sure that all skin areas are covered. See below for suitable material types. |
| Protective Material Types: | We suggest that protective clothing be made from the following materials: rubber, PVC. |
| Respirator: | Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above. Otherwise, not normally necessary. |

Eyebaths or eyewash stations and safety deluge showers should, if practical, be provided near to where this product is being handled commercially.

9. Physical and chemical properties

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| Physical Description & colour: | Green mobile liquid |
| Odour: | Orange peach fragrance |
| Boiling Point: | Approximately 100°C at 100kPa. |
| Freezing/Melting Point: | Lower than 0° C. |
| Volatiles: | Water component. |
| Vapour Pressure: | 2.37 kPa at 20°C (water vapour pressure). |
| Vapour Density: | No data. |
| Specific Gravity: | 1.01 |
| Water Solubility: | Completely soluble in water. |
| pH: | 6.5-7.0 range |

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| Volatility: | No data. |
| Odour Threshold: | No data. |
| Evaporation Rate: | No data. |
| Coeff Oil/water distribution: | No data. |

10. Stability and Reactivity

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| Reactivity | This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties. |
| Conditions to Avoid | This product should be kept in a cool place, preferably below 30°C. Keep containers tightly closed. |
| Incompatible Materials | No particular Incompatibilities. |
| Fire Decomposition | Only small quantities of decomposition products are expected from this product at temperatures normally achieved in a fire. This will only occur after heating to dryness. Combustion forms carbon dioxide, and if incomplete, carbon monoxide and possibly smoke. Water is also formed. May form nitrogen and its compounds, and under some circumstances, oxides of nitrogen. Occasionally hydrogen cyanide gas in reducing atmospheres. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death. |
| Polymerisation | This product will not undergo polymerisation reactions. |

11. Toxicological information

Local Effects:

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| Target Organs | There is no data to hand indicating any particular target organs. |
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Classification of Hazardous Ingredients

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| Ingredient | Risk Phrases |
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No ingredient mentioned in the HSIS Database is present in this product at hazardous concentrations.

12. Ecological information

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| Environmental | This product is biodegradable. It will not accumulate in the soil or water or cause long term problems. Expected to not be an environmental hazard. |
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13. Disposal considerations

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| Disposal | Containers should be emptied as completely as practical before disposal. If possible, recycle product and containers either in- |
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house or send to recycle company. If this is not practical, send to a commercial waste disposal site.

14. Transport Information

UN Number | This product is not classified as a Dangerous Good by ADG, IATA or IMDG/IMSBC criteria. No special transport conditions are necessary unless required by other regulations.

15. Regulatory Information

AICS | All of the significant ingredients in this formulation are compliant with NICNAS regulations.

16. Other information

Abbreviations

| | |
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| AICS | Australian Inventory of Chemical Substances |
| CAS Number | Unique Chemical Abstracts Service Registry Number |
| EC50 | Ecotoxic Concentration 50% — concentration in water which is fatal to 50% of a test population (e.g. daphnia, fish species) |
| ES | Exposure Standard - The airborne concentration of a biological or chemical agent to which a worker may be exposed in a work day |
| GHS | Globally Harmonised System of Classification and Labelling of Chemicals |
| HAZCHEM Code | Emergency action code of numbers and letters that provide information to emergency services, especially fire fighters |
| IARC | International Agency for Research on Cancer |
| LEL | Lower Explosive Limit |
| LD50 | Lethal Dose 50% — dose which is fatal to 50% of a test population (usually rats). |
| LC50 | Lethal Concentration 50% — concentration in air which is fatal to 50% of a test population (usually rats) |
| NICNAS | National Industrial Chemicals Notification and Assessment Scheme |
| Peak Limitation | Peak Exposure Value: The maximum airborne concentration of a biological or chemical agent to which a worker may be exposed at any time. |
| SDS | Safety Data Sheet |
| STEL | Short Term Exposure Limit - The maximum airborne concentration of a chemical or biological agent to which a worker may be exposed in any 15 minute period, provided the TWA is not exceeded |
| TWA | Time Weighted Average — generally referred to ES averaged over typical work day (usually 8 hours) |
| UEL | Upper Explosive Limit |
| UN Number | United Nations Number |

References

Data | Unless otherwise stated comes from IUCLID datasheet for the specific chemical.

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| SWA: 1003 | National Occupational Health and Safety Commission 1995, Exposure Standards for Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [SWA:1003(1995)11 |
| Prepared By | Matthew King |
| Date of Issue | 1 September 2021 |
| Changes Made | Update SDS |
| References | Australian Dangerous Goods Code Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice 2011. Standard for the Uniform Scheduling of Medicines & Poisons (SUSMP) Guidance |
| Contact Person/Point | Australia 24 HOUR EMERGENCY CONTACT Poisons Information Centre 13 11 26 |
| Legal Disclaimer | The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION. |

End of SDS