SODIUM COCOYL ISETHIONATE POWDER

SAFETY DATA SHEET

| IDENTIFICATION |
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| Product Name:  Other Names  Uses Chemical Family  Chemical Formula | Sodium Cocoyl Isethionate Powder 85% Coco fatty ester of sodium isethionate  Cosmetic use; skin care products  No Data Available Unspecified |
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| Chemical Name Product Description: | Fatty acids, coco, sulfoethyl esters, sodium salts No Data Available |

## Contact Details of the Supplier of this Safety Data Sheet

| Supplier: | Heirloom Body Care Pty Ltd |
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| Address: | Unit 9, 28 Coombes Drive Penrith NSW 2750 Australia |
| Telephone: | 02 4722 2123 |
| Fax | 02 4722 2904 |

## EMergency Contact Details

| Poisons Information Centre | 13 11 26 |
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| HAZARD IDENTIFICATION |
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## Poisons Schedule (Aust) Not scheduled

**Globally Harmonised System**

**Hazard Classification** Hazardous according to the criteria of the Globally Harmonised System of   
 Classification and Labelling of Chemicals (GHS)  
 **Hazard Categories** Serious Eye Damage/Irritation - Category 2B

**Signal word:** Warning

**Hazard statements:** H320 Causes eye irritation.

**Precautionary statements Prevention**:

P264 Wash skin thoroughly after handling.

**Response**:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water

for several minutes. Remove contact lenses, if present and

easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice.

**National Transport Commission (Australia)**Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code)

| COMPOSITION/INFORMATION ON INGREDIENTS |
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*Ingredients*

| **Chemical Entity** | **Formula** | **CAS Number** | **Proportion** |
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| Sodium cocoyl isethionate | Unspecified | 61789-32-0 | >=84% |
| Sodium isethionate | C2H6O4S.Na | 1562-00-1 | <=4% |
| Free fatty acid | Unspecified | 84836-98-6 | 3-10% |
| Water | H2O | 7732-18-5 | <=1.5% |

| FIRST AID |
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## Description of necessary measures according to routes of exposure

| **Swallowed** | IF SWALLOWED: Rinse mouth, then drink plenty of water. Do not induce vomiting. Get medical advice/attention if you feel unwell |
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| **Eye:** | IF IN EYES: Immediately flush eyes with water for several minutes, holding eyelids open and occasionally lifting the upper and lower lids. Remove contact lenses if present and easy to do. Continue rinsing for at least 15 minutes. If eye irritation persists, get medical advice/attention.. |
| **Skin:** | IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs, get medical advice/attention. |
| **Inhaled:** | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing until recovered. If respiratory symptoms persist, get medical advice/attention. |
| **Advice to doctor** | Treat symptomatically |
| **Medical Conditions Aggravated by Exposure** | No information available |

| FIRE FIGHTING MEASURES |
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## General Measures Use standard firefighting procedures and consider the hazards of other involved materials . If safe to do so, move undamaged containers from fire area. Cool containers with water spray until well after fire is out. Flammability Conditions Combustible solid; may burn but does not ignite readily. Extinguishing Media Use dry chemical, Carbon dioxide (CO2), foam or water spray for extinction - Do not use high volume water jet. \*Do not direct a solid stream of water or foam into hot burning pools; this may cause frothing and increase fire intensity Fire and Explosion Hazard Avoid generating dust; fine dust dispersed n air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. Hazardous Products of During a fire, gases hazardous to health may be formed, including oxides of Carbon, Combustion oxides of Sulfur. Special Fire Fighting Instructions Contain runoff from fire-control or dilution water - Runoff may pollute waterways. Dispose of fire debris and contaminated fire fighting water in accordance with local regulations Personal Protective Wear self-contained breathing apparatus (SCBA) and chemical splash suit. SCBA and structural firefighter’s uniform may provide limited protection Flash Point No Data Available Lower Explosion Limit No Data Available Upper Explosion Limit No Data Available Auto Ignition Temperature No Data Available Hazchem Code No Data Available

| ACCIDENTAL RELEASE MEASURES |
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**General Response Procedure** Ensure adequate ventilation. ELIMINATE all ignition sources (if dust closed can   
 occur). Do not touch or walk through spilled material. Avoid generating dust.  
 Avoid breathing dust and contact with eyes. skin and clothing.  
**Clean Up Procedures** If dry, sweep up or shovel up and place in appropriate containers for recovery or  
 disposal (see SECTION 13). Avoid dispersal of dust in the air.  
 \*If molten, collect on suitable absorbent product and place in appropriate waste   
 disposal containers or allow to cool and solidify, then remove by scraping.  
**Containment** Stop leak if safe to do so - Prevent entry into waterways, drains or confined areas.   
 Prevent dust cloud.  
**Decontamination** Clean surfaces thoroughly with water to remove residual contamination. Dispose of   
 all waste and cleanup materials in accordance with regulations  
**Environmental Precautionary** Prevent entry into drains and waterways.  
**Measures  
Evacuation Criteria** Spill or leak area should be isolated immediately. Keep unauthorised personnel away.  
**Personal Precautionary** Use personal protective equipment as required (see SECTION 8)  
**Measures**

| HANDLING AND STORAGE |
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## Handling Safety showers and eyewash facilities should be provided within the immediate work area for emergency use. Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Minimise dust generation and accumulation. Avoid breathing dust and contact with eyes, skin and clothing. Do not ingest. Use personal protective equipment as required (see SECTION 8). WARNING: May form combustible dust concentrations in air. Keep away from heat, hot surface, sparks, open flames and other ignition sources - No smoking. Take precautionary measures against static discharges. Storage Store in a cool, dry and well-ventilated place, out of direct sunlight. Keep containers closed when not in use - check regularly for spills. Avoid exposure to moisture . Keep away from heat, hot surface, sparks, open flames and other ignition sources - No smoking. Keep away from incompatible materials (see SECTION 10) Container Keep in the original container.

| EXPOSURE CONTROLS/ PERSONAL PROTECTION |
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General No specific exposure standards are available for this product. For dusts from solid substances   
 without specific occupational exposure standards:

-Safe Work Australia Exposure Standard (Nuisance dusts): 8 hr TWA = 10 mg/m3 (measured   
 as inhalable dust)

-New Zealand WES (Particulates not otherwise classified): TWA = 10 mg/m3;   
 TWA = 3 mg/m3 (respirable dust).

Exposure Limits No Data Available  
Biological Limits No information available  
Engineering Measures A system of local and/or general exhaust is recommended to keep employee exposures as low  
 as possible. Local exhaust ventilation is generally preferred because it can control the   
 emissions of the contaminant at its source, preventing dispersion of it into the general work   
 area.

Personal Protection - Respiratory protection: In case of inadequate ventilation, wear respiratory   
Equipment protection.  
 Recommended: Dust mask/particulate filter respirator (refer to AS/NZS 1715 & 1716).  
 - Eye/face protection: Wear appropriate eye protection to avoid eye contact.  
 Recommended: Safety glasses or chemical splash goggles and a face shield where splattering  
 may occur.  
 - Hand Protection: Handle with gloves.  
 Recommended: Impervious gloves. E.G. Butyl rubber, PVC or Neoprene  
 - Skin/body protection: Wear appropriate personal protective clothing to avoid skin  
 contact.  
 Recommended: Impervious clothing and footwear  
Special Hazards No information available  
Precautions  
Work Hygienic Do not eat, drink or smoke when using this product. Always wash hands before  
Practices:smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective   
 equipment before storage or re-use. Routing housekeeping should be instituted to ensure that   
 dusts do not accumulate on surfaces.

| PHYSICAL AND CHEMICAL PROPERTIES |
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## General information

| **Physical State** | Solid |
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| **Appearance** | Powder/granules |
| **Odour:** | Characteristic |
| **Colour:** | White to off white |
| **pH:** | 5 - 6.5 10% in denim water |
| **Vapour pressure:** | No Data Available |
| **Relative Vapour Density** | No Data Available |
| **Boiling point:** | No Data Available |
| **Melting point:** | 130 - 135ºC (266 - 275ºF) |
| **Freezing point:** | No Data Available |
| **Solubility:** | Virtually insoluble in water 20ºC |
| **Specific Gravity** | No Data Available |
| **Flash point:** | No Data Available |
| **Auto ignition Temperature** | No Data Available |
| **Evaporation Rate** | No Data Available |
| **Bulk Density** | No Data Available |
| **Corrosion Rate** | No Data Available |
| **Decomposition temperature:** | No Data Available |
| **Density** | No Data Available |
| **Specific Heat** | No Data Available |
| **Molecular Weight** | No Data Available |
| **Net Propellant Weight** | No Data Available |
| **Octanol Water Coefficient** | No Data Available |
| **Particle Size** | No Data Available |
| **Partition Coefficient** | No Data Available |
| **Saturated Vapour Concentration** | No Data Available |
| **Vapour Temperature** | No Data Available |
| **Viscosity:** | No Data Available |
| **Volatile Percent** | No Data Available |
| **VOC Volume** | No Data Available |
| **Additional Characteristics** | No information available |
| **Potential for Dust Explosion** | Avoid generating dust; fine dust dispersed in air is sufficient concentrations , and in the presence of an ignition source is a potential dust explosion hazard |
| **Fast or Intensely Burning Characteristics** | No information available |
| **Flame Propagation or Burning Rate of Solid Materials** | No information available |
| **Non-Flammables that could contribute unusual hazards to a fire** | Do not direct a solid stream of water or foam into hot burning pools; this may cause frothing and increase fire intensity. |
| **Properties that may initiate or contribute to the fire intensity** | Combustible solid; may burn but does not ignite readily. |
| **Reactions that release gases or vapours** | Fire/decomposition may produce irritating, toxic and/or corrosive fumes, including oxides of Carbon, oxides of Sulfur. |
| **Release of invisible flammable vapours and gases** | No information available |

| STABILITY AND REACTIVITY |
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General Information No information availableStability Material is stable under normal circumstances.  
Conditions to avoid Avoid generating dust. Keep away from heat and sources of ignition.   
Materials to avoid Avoid exposure to moisture  
Hazardous decomposition Fire/decomposition may produce irritating and/or corrosive fumes, including oxides of Carbon,  
products oxides of Sulfur  
Hazardous Polymerisation Hazardous polymerisation will not occur.

| TOXICOLOGICAL INFORMATION |
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## General Information -Acute toxicity: No adverse effects expected, however, large amounts may cause nausea and vomiting. -Skin corrosion/irritation: Slight transient irritation may occur. Prolonged skin contact may cause temporary irritation. No skin irritation [OECD Test Guideline 404] -Eye damage/irritation: Causes eye irritation. Direct contact with eyes may cause temporary irritation. Irritating [OECD Test Guideline 45] -Respiratory/skin sensitisation: Did not cause sensitization [OECD Test Guideline 406) -Germ cell mutagenicity: Not mutagenic in Ames Test -Carcinogenicity: Not classified as carcinogenic by IARC, OSHA or NTP -Reproductive toxicity: No evidence of adverse effects on sexual function and fertility, or on development -STOT (single exposure): Breathing in dust may result in respiratory irritation. -STOT (repeated exposure): This substance or mixture is not classified as a specific target organ toxicant, single exposure or repeated exposure -Aspiration toxicity: Not an aspiration hazard

*Acute* Ingestion Acute toxicity (Oral)  
 -LD50, Rat: >2,000 mg/kg [OECD Test Guideline 401]  
Carcinogen Category None

| ECOLOGICAL INFORMATION |
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## Ecotoxicity Aquatic toxicity: -LC50, Fish (Rainbow trout): >10 - 100 mg/L (96h) -EC50, Crustacea (Daphnia magna): >10 - 100 mg/L (48h) Persistence/degradability The material is readily biodegradable (>80%, 28 d) [OECD Test Guideline 301E] Mobility No information available Environmental Fate Avoid release to the environment Bioaccumulative potential Due to the distribution coefficient n-octanol/water, accumulation in organisms is not expected Environmental Impact No data available

| DISPOSAL CONSIDERATIONS |
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General Information Dispose of contents/container in accordance with local/regional/national regulations  
 Wates from residues should be incinerated in a suitable incineration plant holding a permit  
 delivered by the competent authorities.  
Special Precautions Product container: Packaging that cannot be cleaned should be disposed of as product waste..  
for Land Fill

| TRANSPORT INFORMATION |
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## Land Transport (Australia) ADG Code

Proper Shipping Name Sodium Cocoyl Isethionate 85%  
 Class No Data Available  
 Subsidiary Risk(s) No Data Available  
 No Data Available  
 UN Number No Data Available  
 Hazchem No Data Available  
 Pack Group No Data Available  
 Special Provision No Data Available  
 Comments NON-DANGEROUS GOODS: Not regulated for LAND transport

**Sea Transport**  
IMDG Code

Proper Shipping Name Sodium Cocoyl Isethionate 85%  
 Class No Data Available  
 Subsidiary Risk(s) No Data Available  
 UN Number No Data Available  
 Hazchem No Data Available  
 Pack Group No Data Available  
 Special Provision No Data Available  
 EMS No Data Available  
 Comments NON-DANGEROUS GOODS: Not regulated for SEA transport

**Air Transport**  
IATA DGR

Proper Shipping Name Sodium Cocoyl Isethionate 85%  
 Class No Data Available  
 Subsidiary Risk(s) No Data Available  
 UN Number No Data Available  
 Hazchem No Data Available  
 Pack Group No Data Available  
 Special Provision No Data Available  
 EMS No Data Available  
 Comments NON-DANGEROUS GOODS: Not regulated for AIR transport

**National Transport Commission (Australia):**   
Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)

**Dangerous Goods Classification:** NOT Dangerous Goods according to the criteria of the Australian Code for  
 the Transport of Dangerous Goods by Road & Rail (ADG Code)

| REGULATORY INFORMATION |
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**General Information** No Data Available   
**Poisons Schedule (Aust)** Not Scheduled

**National/Regional Inventories**

| Australia (AICS) | Listed |
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| Canada (DSL) | Not Determined |
| Canada (NDSL) | Not Determined |
| China (IECSC) | Not Determined |
| Europe (EINECS) | Not Determined |
| Europe (REACh) | Not Determined |
| Japan (ENCS/METI) | Not Determined |
| Korea (KECI) | Not Determined |
| Malaysia (EHS Register) | Not Determined |
| New Zealand (NZIoC) | Listed |
| Philippines (PICCS) | Not Determined |
| Switzerland (Giftliste 1) | Not Determined |
| Switzerland (Inventory of Notified Substances) | Not Determined |
| Taiwan (NCSR) | Not Determined |
| USA (TSCA) | Not Determined |

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| OTHER INFORMATION |
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