



SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION: PRODUCT IDENTIFIER/CHEMICAL IDENTITY

1.1 PRODUCT IDENTIFIER: : The Serengeti Collection Conditioning Shampoo

1.2 PRODUCT CODE: : To Be Advised.

1.3 RELEVANT IDENTIFIED USES OF THE MIXTURE AND USES ADVISED AGAINST:
RELEVANT IDENTIFIED USES: Cosmetic Hair Conditioner

RESTRICTIONS ON USE: This is a hair conditioning shampoo that contains hazardous components that leads to a hazardous rating by calculation for the undiluted product. The ratings in the Safety Data Sheet are applicable for Occupational Risk Characterisation. This information is appropriate for incidents, such as spills, where contact with the undiluted product occurs. In use scenarios, the product is used in a highly diluted format on wet hair and usually with a source of running water. Under typical use conditions, skin or eye contact with products containing these types of components are not expected to cause significant irritation. For domestic or professional use scenarios where the product is being used in its capacity as a conditioning shampoo, labelling will be consistent with the requirements for similar products that contain these types of components and will contain the statement "IF IN EYES WASH OUT IMMEDIATELY WITH WATER".

1.4 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:

SUPPLIER NAME: CleanStar Australia Pty Ltd

ABN: 51 121 002 104

ADDRESS (Australia): 59 Radford Road
Reservoir
VIC, Australia, 3073

WEBSITE: cleanstar.com.au

TELEPHONE NUMBER (Australia): 03 9460 5655

1.5 EMERGENCY TEL. NUMBER: Australia:0407 367680
(Poisons Information Centre 131 126)

SECTION 2 – HAZARD(S) IDENTIFICATION

2.1 CLASSIFICATION OF THE HAZARDOUS CHEMICAL: GHS CLASSIFICATION HAZARD

CLASS & CATEGORY: Under the Model Work Health and Safety Regulations the product would be rated as hazardous:
Skin Corrosion/Irritation - Category 2
Serious Eye Damage/Irritation - Category 1



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SECTION 2 – HAZARD(S) IDENTIFICATION Continued

2.2 LABEL ELEMENTS INCLUDING PRECAUTIONARY STATEMENTS:

SIGNAL WORD:

Danger

PICTOGRAMS:



HAZARD STATEMENTS:

H315 - Causes skin irritation.
H318 - Causes serious eye damage.

PRECAUTIONARY STATEMENTS:

PREVENTION:

P102 - Keep out of reach of children.
P103 - Read label before use.
P264 - Wash hands thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

RESPONSE:

P101 - If medical advice is needed, have product container or label at hand.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a POISON CENTRE or doctor/physician.
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P362 - Take off contaminated clothing and wash before reuse.

STORAGE:

Not Applicable.

DISPOSAL:

Not Applicable

2.3 OTHER HAZARDS:

Excessive exposure may result in mild irritation to the respiratory system. The product contains DMDM Hydantoin. This may produce an allergic reaction. People with pre-existing skin conditions, such as eczema or dermatitis, should take precautions so as not to exacerbate the condition. As for all chemical products, persons should not expose open wounds, cuts, abrasions or irritated skin to this material.



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SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

| INGREDIENTS | CAS NUMBER | Concentration % W/W | GHS Classification* |
|--|------------|------------------------|--|
| Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-(dodecyloxy)-, sodium salt (1:1) (Sodium laureth sulfate) | 9004-82-4 | 15 - 25% | Acut Tox 4 - H302 Skin Irrit 2 - H315 Eye Irrit 2A - H319 Chron Aq Tox 3 - H412 |
| Amides, coco, N,N-bis(hydroxyethyl) (Cocamide DEA) | 68603-42-9 | 3.0 - 5.0% | Skin Irrit 2 - H315 Eye Dam 1 - H318 |
| 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivatives, hydroxides, inner salts (Cocamidopropyl betaine) | 61789-40-0 | 0.5 - 1.2% | Eye Irrit 2A - H319 Acut Aq Tox 1 - H400 |
| 2,4-Imidazolidinedione, 1,3-bis(hydroxymethyl)-5,5-dimethyl- (DMDM Hydantoin) | 6440-58-0 | 0.3 - 0.4% | Skin Irrit 2 - H315 Skin Sen 1 - H317 Eye Irrit 2A - H319 |
| 1,2,3-Propanetricarboxylic acid, 2-hydroxy- (Citric acid) | 77-92-9 | ≤ 0.3% | Skin Irrit 2 - H315 Eye Irrit 2A - H319 STOT SE 3 - H335 |
| Glycine, N,N'-1,2-ethanediylbis[N-(carboxymethyl)-, tetrasodium salt (Tetrasodium EDTA) | 64-02-8 | ≤0.05% | Acut Tox 4 - H312 Eye Dam 1 - H318 STOT SE 3 - H335 |
| Other non-hazardous ingredients | - | To 100% | Not Applic |

Not Applic = Not Applicable * Please see Section 15 of this SDS for the full text description of the Label Elements.

SECTION 4 – FIRST AID MEASURES

4.1 DESCRIPTION OF NECESSARY FIRST AID MEASURES:

INGESTION:

Rinse mouth out with water. Due to the blend of ingredients present, the manufacturer recommends that if swallowed, do NOT induce vomiting. If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. If irritation develops or persists or vomiting has occurred after ingestion, seek immediate medical assistance.

EYE:

If in eyes, hold eyelids apart and flush the eye immediately with large amounts of running water. Continue flushing for at least 15 minutes or until advised to stop by a Doctor. Check for contact lenses. If there are contact lenses, these should be removed after several minutes of rinsing by the exposed person or medical personnel if it can be done easily. As the product is rated as Causes severe eye damage, after flushing, immediately call a Poisons Information Centre (Tel. Australia 13 11 26) or doctor/physician.



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SECTION 4 – FIRST AID MEASURES Continued

SKIN CONTACT:

The product is a Conditioning Shampoo. This product contains a component that may produce an allergic reaction. If irritation or a rash occurs wash skin thoroughly with mild soap and water. As the product is rated as causes skin irritation, after flushing, if irritation persists or rash develops, seek medical assistance.

INHALATION:

If a person is affected by inhaling the product, remove the patient from further exposure into fresh air, if safe to do so. If providing assistance, avoid exposure to yourself - only enter contaminated environments with adequate respiratory equipment. Once removed, lay patient down in a well-ventilated area and reassure them whilst waiting for medical assistance. If not breathing, provide artificial respiration and seek immediate medical assistance. If unconscious, place in a recovery position and seek immediate medical assistance. If irritation develops/persists, consult a Doctor.

PROTECTION FOR FIRST AIDERS:

No personnel shall place themselves in a situation that is potentially hazardous to themselves. If the person has ingested the product, caution should be exercised in using direct mouth-to-mouth resuscitation techniques. Always ensure that you are wearing gloves when dealing with first aid procedures involving chemicals and/or blood.

FIRST AID FACILITIES:

Eye wash fountain and safety showers, or at least a source of flowing water, are recommended in the area where the product is used.

4.2 MOST IMPORTANT SYMPTOMS & EFFECTS, BOTH ACUTE & DELAYED, CAUSED BY EXPOSURE:

ACUTE:

The product is rated as Causes serious eye damage. Eye contact may lead to severe burns, redness, pain, swelling, tearing and blurred vision, as well as permanent eye damage in a worst case scenario. The product is rated as Causes skin irritation. Skin contact may lead to redness or itching. Ingestion or inhalation of vapours may lead to irritation of the mouth and respiratory tract. Ingestion may lead to nausea and diarrhoea.

CHRONIC:

Skin contact may aggravate/exacerbate existing skin conditions, such as dermatitis. The product contains DMDM Hydantoin. This may produce an allergic reaction.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NECESSARY:

ADVICE TO DOCTOR:

Treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA:

SUITABLE MEDIA:

Use extinguishing media appropriate for surrounding fire. Use carbon dioxide, alcohol-resistant foam, dry chemical or water spray. Spray down fumes resulting from fire.

UNSUITABLE MEDIA:

Avoid using full water jet directed at residual burning material once the aqueous component has evaporated. Water may cause splattering on hot residue.



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SECTION 5 – FIRE FIGHTING MEASURES Continued

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

COMBUSTION HAZARDS: Combustion of the residual material after evaporation of the aqueous component may produce oxides of carbon, sulfur and nitrogen as well as small amounts of chlorine, smoke and irritating vapours.

5.3 ADVICE FOR FIREFIGHTERS:

FIRE: This product is not flammable under conditions of use. Once the aqueous component has evaporated, the residue will be combustible. Keep storage tanks, pipelines, fire exposed surfaces, etc. cool with water spray.

HAZCHEM CODE: Not Applicable.

EXPLOSION: No information to indicate that the product is an explosion hazard. Extinguish all sources of flame or spark. Closed containers may explode when exposed to extreme heat.

PROTECTIVE EQUIPMENT: In the event of a fire, wear full protective clothing and self-contained breathing equipment with full-face piece operated in the pressure demand or other positive pressure mode.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

PERSONAL PROTECTION: For small spills, wear PVC, Nitrile or Neoprene gloves, glasses/goggles, enclosed shoes and full-length clothing. During routine operation for a small spill in the open a respirator is not required. For large spills, or in confined spaces, a full chemically resistant body-suit is recommended. If in doubt about potential oxygen deficiency wear self-contained breathing apparatus.

CONTROL MEASURES: Ventilate area and extinguish and/or remove all sources of ignition. Stop the leak if safe to do so. CAUTION: The spilled product will be slippery. Avoid contact with the spilled material.

EMERGENCY PROCEDURES: In the event of a spill or accidental release, notify the relevant authorities in accordance with all applicable regulations.

6.2 ENVIRONMENTAL PRECAUTIONS:

SPILL ADVICE: Do not allow product to enter drains, surface water, sewers or watercourses - inform local authorities if this occurs.

6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

CONTAINMENT: Contain the spill and absorb with a proprietary absorbent material, sand or earth. For large spills prepare a bund/barrier/dyke ahead of the spill to confine the spill and allow later recovery. If there is the possibility of spills to enter drains, surface water, sewers or watercourses ensure bunding, or that drains are covered, to minimise the potential for this to occur.



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SECTION 6 – ACCIDENTAL RELEASE MEASURES Continued

CLEANING PROCEDURES: Small spills can be cleaned up by hand using a cleaning cloth. Having contained the spill, as mentioned above, collect all material quickly and place used absorbent in suitable containers. Follow local regulations for the disposal of waste. For large spills that have been bunded, the material can be scooped into vessels and returned for reprocessing or destruction. Personnel must wear gloves, goggles or glasses, boots and full-length clothing during cleaning procedures. Wash and rinse the contaminated area and objects with water after spill has been cleared. Do not allow wash water or rinsings to enter drains, surface water, sewers or water courses.

SECTION 7 – HANDLING AND STORAGE, INCLUDING HOW THE CHEMICAL MAY BE SAFELY USED

7.1 PRECAUTIONS FOR SAFE HANDLING:

SAFE HANDLING: If handling in bulk, avoid contact with the product by using appropriate protective equipment such as gloves, glasses or goggles and full-length clothing. Prevent small spills and leakage to avoid slip hazards. Properly dispose of any contaminated rags or cleaning materials. Eating, drinking, and smoking should be prohibited in the area where this material is handled, stored and processed. Workers should follow good personal hygiene practices, such as washing hands before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Keep containers tightly closed when not in use. Prevent product from entering waterways, drains or sewers.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

SAFE STORAGE: Store in a dry, well ventilated area away from direct sunlight, ignition sources, oxidising agents, foodstuffs and clothing. Keep containers closed when not in use. Containers that have been opened must be carefully resealed to prevent leakage.

INCOMPATIBILITIES: Strong oxidising substances including strong acids.

SECTION 8 – EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1 EXPOSURE CONTROL MEASURES:

EXPOSURE LIMIT VALUES: Exposure standards for the product have not been established.

8.2 BIOLOGICAL

MONITORING: No data available.

8.3 CONTROL BANDING: No data available.

8.4 ENGINEERING CONTROLS:

ENGINEERING CONTROLS: Special ventilation is not normally required when using this product in normal use scenarios. However, if there are vapours generated under use conditions ventilation should be provided to maintain airborne concentrations at an acceptable level that does not cause irritation.



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SECTION 8 – EXPOSURE CONTROLS & PERSONAL PROTECTION Cont'd

8.5 INDIVIDUAL PROTECTION MEASURES:

EYE & FACE PROTECTION: As the product is a cosmetic hair conditioning shampoo, eye protection is not normally required. As the product is rated as Causes serious eye damage, hairdressers should use eye protection and avoid rubbing their eyes when using the product. If there is a spill scenario and there is the potential of contact with the material wear safety glasses/goggles to avoid eye contact. Use eye protection in accordance with AS1336 and AS1337.

SKIN (HAND) PROTECTION: As the product is a cosmetic hair conditioning shampoo, hand protection is not normally required. If there is a spill scenario and there is the potential of contact with the material wear gloves to provide hand protection. PVC, Neoprene or Nitrile rubber gloves are recommended.

SKIN (CLOTHING) PROTECTION: As the product is a cosmetic hair conditioning shampoo, special clothing is not normally required. If there is a spill scenario and there is the potential of contact with the material wear long sleeved clothing to avoid skin contact. Soiled clothing should be washed with detergent prior to re-use.

RESPIRATORY PROTECTION: During routine operation a respirator is not required.

THERMAL PROTECTION: Not applicable.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

9.1 PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE: Transparent viscous liquid.
ODOUR: Characteristic.
ODOUR THRESHOLD: No data available.
pH: No data available.
MELTING/FREEZING POINT: No data available.
INITIAL BOILING POINT: No data available.
BOILING RANGE (°C): No data available.
FLASHPOINT (°C): Not applicable.
EVAPORATION RATE: No data available.
FLAMMABILITY LIMITS (%): Not applicable.
VAPOUR PRESSURE (mmHg): No data available.
VAPOUR DENSITY: No data available.
DENSITY @ 20.0°C: No data available.
SOLUBILITY IN WATER(g/L): Fully miscible.
PARTITION COEFFICIENT: No data available for n-octanol/water.
AUTO-IGNITION TEMP (°C): Not applicable.
DECOMPOSITION TEMP (°C): No data available.
VISCOSITY (cPs): No data available.



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SECTION 10 – STABILITY AND REACTIVITY

- 10.1 REACTIVITY:** The product does not pose any further reactivity hazards other than those listed in the following sub-sections.
- 10.2 CHEMICAL STABILITY:** Stable under recommended storage and handling conditions (see section 7).
- 10.3 POSSIBILITY OF HAZARDOUS REACTIONS:** Keep away from strong oxidising agents, such as strong acids, chlorates, nitrates and peroxides. Hazardous polymerisation does not occur.
- 10.4 CONDITIONS TO AVOID:** Observe the usual precautionary measures for handling chemicals. Do not heat the container, leave it in direct sunlight or leave the container open when not in use.
- 10.5 INCOMPATIBLE MATERIALS:** Strong oxidising agents including concentrated acids.
- 10.6 HAZARDOUS DECOMPOSITION PRODUCTS:** Hazardous decomposition products are not expected to form during normal storage requirements. See Section 5.2 for Hazardous Combustion products.

SECTION 11 – TOXICOLOGICAL INFORMATION

- 11.1 INFORMATION ON TOXICOLOGICAL EFFECTS:**
The product is a mixture and test data is not available for the product as a whole.
- 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivatives, hydroxides, inner salts:**
Oral - LD₅₀ (Rat): > 5,000 mg/kg bw (30 - 35.5% aqueous solution)
Dermal - LD₅₀ (Rat): >2,000 mg/kg bw (30 - 35.5% aqueous solution)
- 2,4-Imidazolidinedione, 1,3-bis(hydroxymethyl)-5,5-dimethyl-:**
Oral - LD₅₀ (Rat): 3,000 - 5,000 mg/kg
Dermal - LD₅₀ (Rabbit): > 2000 mg/kg
Inhalation - LC₅₀ (Rat): > 377.8 mg/L
- 11.2 SWALLOWED:** This product is expected to have a low order of toxicity associated with it when ingested. It may cause slight irritation to the mouth, throat and digestive tract. During normal usage ingestion should not be a means of exposure.
- 11.3 SKIN CORROSION/ IRRITATION:** This product is rated by calculation as Causes skin irritation. Prolonged or repeated contact may cause defatting of the skin which may lead to dermatitis. Correct handling procedures incorporating appropriate protective clothing and gloves should minimise the risk of skin irritation. People with pre-existing skin conditions, such as dermatitis, should take extreme care so as not to exacerbate the condition.
- 11.4 SERIOUS EYE DAMAGE/ IRRITATION:** The product is rated by calculation as Causes serious eye damage. Eye contact may lead to severe burns, redness, pain, swelling, tearing and blurred vision, as well as permanent eye damage in a worst case scenario. Correct handling procedures incorporating appropriate eye protection should minimise the risk of eye irritation.



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SECTION 11 – TOXICOLOGICAL INFORMATION Continued

11.5 RESPIRATORY OR SKIN SENSITISATION:

This product is not expected to be a skin sensitiser based on the available data and the known hazards of the components. The product contains DMDM Hydantoin. This is rated as May cause an allergic skin reaction, however it is present well below the Concentration cut-off levels that would indicate that there is a potential hazard. This product is not expected to be a respiratory tract sensitiser based on the available data and the known hazards of the components.

11.6 GERM CELL MUTAGENICITY:

This product is not expected to be mutagenic, based on the available data and the known hazards of the components.

11.7 CARCINOGENICITY:

This product is not expected to be a carcinogen, based on the available data and the known hazards of the components.

11.8 REPRODUCTIVE TOXICITY:

This product is not expected to be a reproductive hazard, based on the available data and the known hazards of the components.

11.9 SPECIFIC TARGET ORGAN TOXICITY (STOT) - SINGLE EXPOSURE:

There is no data available for the product as a whole. This product is not expected to cause organ damage from a single exposure, based on the available data and the known hazards of the components. This product is not expected to pose an irritation hazard at ambient temperature or under normal handling conditions. Not classified as a respiratory irritant, however inhalation of vapours (generated at elevated temperatures) may cause irritation to the nose, throat and respiratory system.

11.10 SPECIFIC TARGET ORGAN TOXICITY (STOT) - REPEATED EXPOSURE:

There is no data available for the product as a whole. This product is not expected to cause organ damage from prolonged or repeated exposure, based on the available data and the known hazards of the components as stated by the manufacturer.

11.11 ASPIRATION HAZARD: This product is not expected to be an aspiration hazard, based on the available data and the known hazards of the components. However, the manufacturer recommends that if swallowed, do NOT induce vomiting. If vomiting has occurred after ingestion the person should be observed to ensure that aspiration into the lungs has not occurred.

11.12 OTHER INFORMATION: No additional data is available.

SECTION 12 – ECOLOGICAL INFORMATION

12.1 ECOTOXICITY:

There is no Ecotoxicity data available for the product as a whole. The following data is available for the components:

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivatives, hydroxides, inner salts:
LC₅₀ (96hr): 1.1mg/L.

There is no data available for the product as a whole. Based upon calculated values, the overall product would not be expected to be rated.



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SECTION 12 – ECOLOGICAL INFORMATION Continued

12.2 PERSISTENCE & DEGRADABILITY:

There is no data available for the product as a whole.

12.3 BIOACCUMULATIVE POTENTIAL:

There is no data available for the product as a whole.

12.4 MOBILITY IN SOIL:

There is no data available for the product as a whole.

12.5 OTHER ADVERSE EFFECTS:

Do not allow the product to reach ground water, water courses or sewage systems.

SECTION 13 – DISPOSAL CONSIDERATIONS

13.1 DISPOSAL METHODS: PRODUCT:

The product should not be released to the environment, so any unused material should be recycled wherever possible or be disposed of as waste at an appropriate collection depot. Spilled product that cannot be recovered should be absorbed and then shovelled into a suitable waste container, such as a plastic drum and then be treated as a solid waste. Follow Government regulations for disposal of such waste. All unused, waste or spilled product must be taken for recycling or disposal by suitably licensed contractors in accordance with Government regulations.

CONTAINERS:

Empty containers may contain residual product. They should be completely drained and then stored until disposed of. Empty containers should be taken for recycling or for disposal through suitably licensed contractors in accordance with Government regulations.

SECTION 14 – TRANSPORT INFORMATION

This product is not regulated for land, sea or air transportation.

14.1 LAND (ADG Code):

UN NUMBER: Not applicable

UN PROPER SHIPPING
NAME: Not applicable

TRANSPORT HAZARD
CLASS(ES): Not applicable

PACKAGING GROUP: Not applicable

ENVIRONMENTAL
HAZARDS: Not applicable

SPECIAL PRECAUTIONS
FOR USER: Not applicable

HAZCHEM CODE: Not applicable



SAFETY DATA SHEET

SECTION 14 – TRANSPORT INFORMATION Continued

14.2 SEA (IMDG):

UN NUMBER: Not applicable

UN PROPER SHIPPING

NAME: Not applicable

TRANSPORT HAZARD

CLASS(ES): Not applicable

PACKAGING GROUP: Not applicable

ENVIRONMENTAL

HAZARDS: Not applicable

SPECIAL PRECAUTIONS

FOR USER: Not applicable

14.3 AIR (IATA):

UN NUMBER: Not applicable

UN PROPER SHIPPING

NAME: Not applicable

TRANSPORT HAZARD

CLASS(ES): Not applicable

PACKAGING GROUP: Not applicable

ENVIRONMENTAL

HAZARDS: Not applicable

SPECIAL PRECAUTIONS

FOR USER: Not applicable

SECTION 15 – REGULATORY INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS:

APPLICABLE REGULATIONS:

SUSMP: Not scheduled.

AICS: All ingredients are on the AICS List.

MONTREAL PROTOCOL: Not applicable to this product.

STOCKHOLM CONVENTION: Not applicable to this product.

ROTTERDAM CONVENTION: Not applicable to this product.

BASEL CONVENTION: Not applicable to this product.

INTERNATIONAL CONVENTION FOR THE PREVENTION OF POLLUTION FROM SHIPS (MARPOL): Not determined.

GHS CLASSIFICATION HAZARD CLASS & CATEGORY

AND HAZARD STATEMENT: Acute Toxicity - Oral Category 4; H302 - Harmful if swallowed.
Acute Toxicity - Dermal Category 4; H312 - Harmful in contact with skin.
Skin Corrosion/Irritation Category 2; H315 - Causes skin irritation.
Sensitisation - Skin Category 1; H317 - May cause an allergic skin reaction.
Serious Eye Damage/Irritation Category 1; H318 - Causes serious eye damage.
Serious Eye Damage/Irritation Category 2A; H319 - Causes serious eye irritation.
Specific Target Organ Toxicity (Single Exposure) Category 3; H335 - May cause respiratory irritation.
Acute Aquatic Toxicity Category 1; H400 - Very toxic to aquatic life.
Chronic Aquatic Toxicity Category 3; H412 - Harmful to aquatic life with long lasting effects.



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SECTION 16 – ANY OTHER RELEVANT INFORMATION

SDS INFORMATION:

Date of SDS Preparation: 15th June 2018

Revision: 1.0

REVISION CHANGES: Initial preparation of SDS in new format.

ACRONYMS:

| | |
|------------------|--|
| SUSMP | Standard for the Uniform Scheduling of Medicines and Poisons |
| CAS Number | Chemical Abstracts Service Registry Number |
| EINECS | European Inventory of Existing Commercial Chemical Substances |
| UN Number | United Nations Number |
| OSHA | Occupational Safety and Health Administration |
| ACGIH | American Conference of Governmental Industrial Hygienists |
| HSE-WEL | Health and Safety Executive - Workplace Exposure Limit |
| IMDG | International Maritime Dangerous Goods |
| IATA | International Air Transport Association |
| IUCLID | International Uniform Chemical Information Database |
| RTECS | Registry of Toxic Effects of Chemical Substances |
| %W/W | Percent weight for weight. |
| OECD | Organisation for Economic Co-Operation and Development |
| ADG Code | Australian Code for the Transport of Dangerous Goods by Road and Rail |
| HAZCHEM Code | Emergency action code of numbers and letters which gives information to emergency services |
| NOHSC | National Occupational Health and Safety Commission |
| NICNAS | National Industrial Chemicals Notification & Assessment Scheme |
| IMAP | Inventory Multi-Tiered Assessment and Prioritisation |
| AICS | Australian Inventory of Chemical Substances |
| TWA | Time-Weighted Average |
| STEL | Short Term Exposure Limit |
| HSNO | Hazardous Substances and New Organisms Act 1996 |
| GHS | Globally Harmonised System of Classification and Labelling of Chemicals |
| WHS | Work Health and Safety |
| PPE | Personal Protective Equipment. |
| LD ₅₀ | Median Lethal Dose |
| LC ₅₀ | Median Lethal Concentration |
| EC ₅₀ | Effective Concentration of a substance that causes 50% of the maximum response after exposure for a nominated time |
| NOAEL | No Observed Adverse Effect Level |
| NOEC | No Observed Effect Concentration |
| EH40 | EH40/2005 Workplace Exposure Limits |
| ECHA | European Chemicals Agency |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals |

LITERATURE REFERENCES AND SOURCES OF DATA:

OECD Guidelines for Testing of Chemicals
Annex I: OECD Test Guidelines for Studies Included in SIDS
Manual for the Assessment of Chemicals Chapter 2 Data Gathering
International Toxicity Testing Guidelines
Hazardous Chemical Information System - Guidance Material for Hazard Classifications
Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.
Model Work Health and Safety Regulations.
Model Work Health and Safety Regulations - Transitional Principles
Workplace Exposure Standards for Airborne Contaminants
Australian Dangerous Goods Code 7th Edition



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SECTION 16 – ANY OTHER RELEVANT INFORMATION Continued

LITERATURE REFERENCES AND SOURCES OF DATA (Continued):

Approved Criteria for Classifying Hazardous Substances [NOHSC:1008 (2004)]
Guidance on the Classification of Hazardous Chemicals under the WHS Regulations
Assigning a Hazardous Substance to a Group Standard
User Guide to the HSNO Thresholds and Classifications
Summary User Guide to the HSNO Thresholds and Classifications of Hazardous Substances
Correlation between GHS and New Zealand HSNO Hazard Classes and Categories
HSNO Control Regulations:
Record of Group Standard Assignment
Labelling of Hazardous Substances Hazard and Precautionary Information
Thresholds and Classifications Under the Hazardous Substances and New Organisms Act 1996
Workplace Exposure Standards and Biological Exposure Indices
NICNAS IMAP Human Health Tier II Assessment for Poly(oxy-1,2-ethanediyl),.alpha.-sulfo-.omega.-(dodecyloxy)-, sodium salt (1:1) CAS Number: 9004-82-4.
NICNAS IMAP Human Health Tier II Assessment for Formaldehyde Donors including 2,4-Imidazolidinedione, 1,3-bis(hydroxymethyl)-5,5-dimethyl- (DMDM Hydantoin) CAS Number: 6440-58-0
NICNAS IMAP Human Health Tier II Assessment for 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivatives, hydroxides, inner salts CAS Number: 61789-40-0
NICNAS IMAP Human Health Tier II Assessment for Amides,cocco,N,N-bis(hydroxyethyl) CAS Number 68603-42-9.

All information contained in this Safety Data Sheet and the health, safety and environmental information are considered to be accurate to the best of our knowledge as of the issue date specified above. However, no warranty or representation, expressed or implied, is made as to the accuracy or completeness of the data and information contained in this data sheet.

Health and safety precautions and environmental advice noted in this data sheet may not be accurate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. The Company accepts no responsibility for any injury, loss or damage, resulting from abnormal use of the material, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the material.