



SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION: PRODUCT IDENTIFIER/CHEMICAL IDENTITY

- 1.1 PRODUCT IDENTIFIER:** Serengeti Dishwashing Powder
- 1.2 PRODUCT CODE:** CDISHP-10G (10 GRAM SACHET)
- 1.3 RELEVANT IDENTIFIED USES OF THE MIXTURE AND USES ADVISED AGAINST:**
RELEVANT IDENTIFIED USES: For dishware, cutlery, cookware.

RESTRICTIONS ON USE: This is a dishwashing detergent 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. Under typical use conditions, skin or eye contact with products containing these types of components are not expected to cause significant irritation. For domestic use scenarios where the product is being used in its capacity as a dishwashing powder, labelling will be consistent with the requirements for similar products that contain these types of components and will contain the statements "Keep out of reach of children. Use only as directed. Damaging to eyes; avoid contact with eyes. Rinse thoroughly with water if there is eye contact. Avoid contact with the powder and wash hands after use. If rash or irritation occurs, discontinue use."

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: The product is a mixture and has been assessed under the Model Work Health and Safety Regulations with the following Classification:
Skin Corrosion/Irritation - Category 2
Sensitisation - Skin - Category 1A
Eye Damage/Irritation - Category 1
Specific Target Organ Toxicity (Single Exposure) - Category 3



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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.
H317 - May cause an allergic skin reaction.
H318 - Causes serious eye damage.
H335 - May cause respiratory irritation.

PRECAUTIONARY STATEMENTS:

PREVENTION:
P102 - Keep out of reach of children.
P103 - Read carefully and follow all instructions.
P261 - Avoid breathing dust.
P264 - Wash hands thoroughly after handling.
P271 - Use only in a well-ventilated area.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P280 - Wear protective gloves/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.
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
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.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P362 + P364 - Take of contaminated clothing and wash before reuse.

STORAGE:
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P405 - Store locked up.

DISPOSAL:
P501 - Dispose of contents/container in accordance with local regulations.

2.3 OTHER HAZARDS:
The product has an extremely high pH of approximately 11. Ingestion of the product could lead to gastrointestinal tract irritation with nausea, vomiting and irritation and potentially in the worst case scenario burns. 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.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NUMBER	Concentration % W/W	GHS Classification*
Silicic acid (H ₂ SiO ₃), disodium salt (Sodium metasilicate)	6834-92-0	20% - 25%	Skin Corr 1B - H314 STOT SE 3 - H335
Carbonic acid, disodium salt (Sodium Carbonate)	497-19-8	≤ 7.0%	Eye Corr 1 - H318



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SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS Contin'd

1-Octanesulfonic acid (Sulphonic Acid)	3944-72-7	≤ 4.0%	STOT SE 3 - H335 Skin Corr 1B - H314 Skin Sen 1 - H317
Sodium Hydroxide	1310-73-2	≤ 2.0%	Skin Corr 1A - H314 STOT SE 3 - H335
Other non-hazardous ingredients Not Applic = Not Applicable	-	To 100%	Not Applic

* 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:

If swallowed, rinse the 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. The product has a high pH. If irritation or a burning sensation 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; New Zealand 0800 764 766) or doctor/ physician.

SKIN CONTACT:

The product contains components 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 and May cause an allergic reaction, after flushing, if irritation persists or rash occurs, seek medical assistance.

INHALATION:

If affected, 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 the person is experiencing respiratory symptoms; immediately call a Poisons Information Centre or a doctor.

PROTECTION FOR FIRST AIDERS:

No personnel shall place themselves in a situation that is potentially hazardous to themselves. Assess the environment for dusts to determine PPE requirements before entering. Do not enter contaminated area without a respirator. Due to the nature of the product, if the person has inhaled or ingested the product, do not use 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.



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SECTION 4 – FIRST AID MEASURES Continued

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. Inhalation of dusts may lead to severe irritation of the mouth and upper respiratory tract with a burning sensation, pain, burns and inflammation in the nose and throat; there may also be coughing, wheezing, tightness in the chest or difficulty breathing. The product has a high pH. Ingestion of the product could lead to gastrointestinal tract irritation with nausea, vomiting, diarrhoea and in a worst case scenario potentially burns.

CHRONIC: Skin contact may aggravate/exacerbate existing skin conditions, such as dermatitis. The product contains 1-Octanesulfonic acid. 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, foam or water spray. Spray down fumes resulting from fire.

UNSUITABLE MEDIA: Water may cause splattering on hot residue.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

COMBUSTION HAZARDS: If the product does decompose it may produce irritating or toxic substances such as oxides of carbon, sulphur and silica as well as smoke and irritating vapours.

5.3 ADVICE FOR FIREFIGHTERS:

FIRE: This product is not flammable under conditions of use. Keep storage areas and fire exposed surfaces, etc, cool with water spray. Do not allow runoff from a fire to enter drains, sewers or waterways.

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 should be used as dusts may be generated when collecting the spill. For large spills, or in confined spaces, a full chemically resistant body-suit and self-contained breathing apparatus is recommended.



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SECTION 6 – ACCIDENTAL RELEASE MEASURES Continued

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

EMERGENCY PROCEDURES: Keep unnecessary personnel away from the area of the spill. 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: Keep unnecessary personnel away from the area of the spill. Use personal protective equipment as mentioned above during clean up operations. Ventilate area and extinguish and/or remove all sources of ignition. Stop the leak if safe to do so. As the product is a solid, containment should not be an issue. Caution: Do not breathe dust generated by the spill. 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.

CLEANING PROCEDURES: Due to the nature of the material, gently collect product with a shovel in a way to minimise dust generation and place in correctly labelled plastic lined containers, with a tight-fitting lid, for disposal. Dispose of as solid waste, according to local and state regulations. Wash contaminated area with excess water. Do not allow product to enter drains, sewers or watercourses - inform local authorities if this occurs.

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

7.1 PRECAUTIONS FOR SAFE HANDLING:

SAFE HANDLING: Avoid contact with the product by using appropriate protective equipment such as gloves, glasses or goggles, full-length clothing and an apron. Avoid inhalation of dust. If dust is generated use a particulate respirator. If there is the potential for splashing during procedures, such as mixing, a full-face shield and impervious apron are recommended. Remove jewellery and watches to prevent product collecting under them. 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 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.

INCOMPATIBILITIES: Strong oxidising substances including strong acids.



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SECTION 8 – EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1 EXPOSURE CONTROL MEASURES:

EXPOSURE LIMIT VALUES: Exposure standards for the product have not been established. The following values are applicable for the individual components:

Sodium Hydroxide:

TWA: 2 mg/m³ (Peal Limitation)

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 dusts are generated local exhaust ventilation should be provided to maintain airborne concentration levels below the nominated exposure standard and at an acceptable level that does not cause irritation.

8.5 INDIVIDUAL PROTECTION MEASURES:

EYE & FACE PROTECTION: As the product is a dishwashing powder in small sachets, under normal use, eye protection is not normally required. 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 AS 1336 and AS 1337.

SKIN (HAND) PROTECTION: As the product is a dishwashing powder in small sachets, under normal use, hand protection is optional. 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 dishwashing powder in small sachets under normal use, 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: White powdery particles.

ODOUR: Characteristic.

ODOUR THRESHOLD: No data available.

pH: Typically > 10.0 (1%Solution), 11 for (500g/L Solution).

MELTING/FREEZING POINT: Not applicable.

INITIAL BOILING POINT: Not applicable.

BOILING RANGE (°C): Not applicable.

FLASHPOINT (°C): Not applicable.

EVAPORATION RATE: Not applicable.

FLAMMABILITY LIMITS (%): Not applicable.

VAPOUR PRESSURE(mmHg): No data available.

VAPOUR DENSITY: No data available.

DENSITY (g/cm³): No data available

SOLUBILITY WATER(g/L): Soluble.

PARTITION COEFFICIENT: No data available for n-octanol/water.

AUTO-IGNITION TEMP (°C): Not applicable.

DECOMPOSITION TEMP (°C): No data available.

VISCOSITY (cPs): Not applicable.



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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.
- 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.
- Silicic acid, sodium salt:**
Oral - LD₅₀ (Rat): 3,400 - 5,150 mg/kg bw
Dermal - LD₅₀ (Rat): 5,000 mg/kg bw
Inhalation - LC₅₀ (Rat, air, 4 hours): 2.06 mg/l
- 11.2 SWALLOWED:** This product is expected by calculation to have a low order of toxicity associated with it when ingested. Due to the high pH of the product, it may cause severe irritation to the mouth, throat and digestive tract and in the worst case scenario potentially burns if ingested. 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. The product also contains 1-Octanesulfonic acid which is regarded as a potential sensitiser. Therefore, contact may manifest itself as contact urticaria and irritant contact dermatitis. Symptoms may include itchiness, dryness or cracking, flushing, burning sensation, inflammation, erythema (redness), oedema (swelling). Symptoms may range from mild to severe. 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. Symptoms may include localised burning, redness, pain, swelling, blurred vision, tearing, tissue burns and irreversible eye damage. Correct handling procedures incorporating appropriate eye protection should minimise the risk of eye damage or irritation.
- 11.5 RESPIRATORY OR SKIN SENSITISATION:** This product is rated by calculation as a Skin sensitizer due to the presence of 1-Octanesulfonic acid. This product is not expected to be a respiratory tract sensitizer based on the available data and the known hazards of the components.



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SECTION 11 – TOXICOLOGICAL INFORMATION Continued

- 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. However, this product is rated by calculation as a May cause respiratory irritation due to the presence of Sodium silicate, carbonate and hydroxide. Inhalation of dusts or particulate matter may cause irritation to the nose, throat and respiratory system. Inhalation of any dusts generated may manifest itself as shortness of breath, coughing, wheezing or a tight chest.
- 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, as the product has a high pH, if swallowed, rinse the mouth out and 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 data available for the product as a whole. Based upon calculated values, the overall product would not be expected to be rated.
- 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.



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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 carefully shovelled, to avoid dust generation, into a suitable waste container, such as a plastic drum with a tight-fitting lid, 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

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



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SECTION 15 – REGULATORY INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS:

APPLICABLE REGULATIONS:

SUSMP:	Not scheduled.
AIIC:	All ingredients are on the AIIC 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 applicable to this product.

GHS CLASSIFICATION HAZARD CLASS & CATEGORY

AND HAZARD STATEMENT: Skin Corrosion/Irritation Category 1B; H314 - Causes severe skin burns and eye damage.
Skin Corrosion/Irritation Category 2; H315 - Causes skin irritation.
Sensitisation - Skin Category 1; H317 - May cause an allergic skin reaction.
Eye damage/irritation Category 1; H318 - Causes serious eye damage
Specific Target Organ Toxicity (Single Exposure) Category 3; H335 - May cause respiratory irritation.

SECTION 16 – ANY OTHER RELEVANT INFORMATION

SDS INFORMATION:

Date of SDS Preparation: 1st February 2023

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
AICIS	Australian Industrial Chemicals Introduction Scheme
IMAP	Inventory Multi-Tiered Assessment and Prioritisation
AIIC	Australian Inventory of Industrial Chemicals
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.



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SECTION 16 – ANY OTHER RELEVANT INFORMATION Continued

ACRONYMS (Continued):

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
HCIS	Hazardous Chemical Information System
PBT	Persistent, Bioaccumulative and Toxic
vPvB	Very Persistent and Very Bioaccumulative

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
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

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. The information presented here within, is based upon the product information supplied by the manufacturer. 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.