

# SAFETY DATA SHEET

## SECTION 1 – IDENTIFICATION: PRODUCT IDENTIFIER/CHEMICAL IDENTITY

1.1 PRODUCT IDENTIFIER: SONAX Gloss Shampoo

1.2 PRODUCT CODE: 03143000

**1.3 RELEVANT IDENTIFIED USES OF THE MIXTURE AND USES ADVISED AGAINST:**

**RELEVANT IDENTIFIED USES:** Car care product.

**RESTRICTIONS ON USE:** This is a water-based Car Shampoo Concentrate that contains hazardous components that leads to a hazardous rating by calculation for the undiluted product according to the manufacturer. The ratings in the Safety Data Sheet are applicable for Occupational Risk Characterisation. This information is appropriate for incidents, such as spills, or when contact with the undiluted product occurs. In use scenarios, the product is used in a diluted format. The manufacturer nominates, that when diluted to 1:6 or greater with water, the hazard rating no longer applies.

**1.4 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:**

**SUPPLIER NAME:** Mega Moto Pty Ltd (ABN: 33 631 031 591)  
**ADDRESS (Australia):** 401 Coolart Road, Somerville, Victoria, 3912  
**TELEPHONE NUMBER (Australia):** 0490 513 632  
**E-MAIL:** [info@sonax.com.au](mailto:info@sonax.com.au) (Aust and NZ)  
**WEBSITE:** [www.sonax.com.au](http://www.sonax.com.au)

1.5 EMERGENCY TEL. NUMBER: Australia: 0490 513 632  
(Poisons Information Centre (Aust 131 126))

**1.6 HSNO DETAILS:**

**HSNO APPROVAL NUMBER:** HSR002530  
**HSNO GROUP TITLE:** Cleaning Products (Subsidiary Hazard) Group Standard 2020

## 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  
Skin Sensitisation Category 1A  
Eye Damage/Irritation - Category 2A

**2.2 LABEL ELEMENTS INCLUDING PRECAUTIONARY STATEMENTS:**

**SIGNAL WORD:** Warning

**PICTOGRAMS:**



**HAZARD STATEMENTS:** H315 - Causes skin irritation.  
H317 - May cause an allergic skin reaction.  
H319 - Causes serious eye irritation.

**PRECAUTIONARY STATEMENTS:**

**PREVENTION:** P102 - Keep out of reach of children.  
P103 - Read carefully and follow all instructions.  
P261 - Avoid breathing mist/vapours/spray.  
P264 - Wash hands thoroughly after handling.  
P272 - Contaminated work clothing should not be allowed out of the workplace.  
P280 - Wear protective gloves/eye protection/face protection.

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## SECTION 2 – HAZARD(S) IDENTIFICATION Continued

**PRECAUTIONARY STATEMENTS (Continued):**

**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.  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
P337+P313 - If eye irritation persists: Get medical advice/attention.  
P362+P364 - Take off contaminated clothing and wash it before reuse.

**STORAGE:** Not Applicable.

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

**2.3 OTHER HAZARDS:** May cause gastric irritation if swallowed. Exposure to mist, vapours or spray may result in irritation to the respiratory system. 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 the material.

## SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NUMBER	Concentration % W/W	GHS Classification*
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts**	68891-38-3	< 8%	Skin Irrit 2 - H315 Eye Irrit 2A - H318 Chron Aq Tox 3 - H412
Alcohols, C9-11, ethoxylated***	68439-46-3	< 4%	Eye Irrit 2B - H320 Acute Aq Tox 2 - H401
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivatives, hydroxides, inner salts (Cocamidopropyl Betaine)	61789-40-0	< 1%	Eye Irrit 2A - H319
Propanoic acid, 2-hydroxy-, (S)- (lactic acid)	79-33-4	< 0.4%	Skin Corr 1C - H314 AUH071
3-Isothiazolone, 2-methyl- (Methylisothiazolinone)****	2682-20-4	0.009%	Acut Tox 3 - H301 Acut Tox 3 - H311 Skin Corr 1B - H314 Skin Sen 1 - H317 Acut Tox 3 - H330 Chron Aq Tox 1 - H410
2-Pyridinethiol, 1-oxide, sodium salt	3811-73-2	< 0.01%	Acut Tox 4 - H302 Acut Tox 4 - H312 Acut Tox 4 - H332 STOT (RE) 1 - H372 AUH070
1,2-Benzisothiazol-3(2H)-one (Benzisothiazolinone)*****	2634-33-5	0.0049%	Acut Tox 4 - H302 Skin Irrit 2 - H315 Skin Sen 1 - H317 Eye Dam 1 - H318 Acute Aq Tox 1 - H400
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.

\*\*Specific concentration limits: Eye Dam. 1; H318: C ≥10%, Eye Irrit. 2; H319: 5% ≤C< 10%. (ECHA)

\*\*\*GHS classification based upon component data supplied by the manufacturer of the product

\*\*\*\*Specific concentration limits: Skin Sensitisation 1A: C ≥ 0.0015%

\*\*\*\*\*Specific concentration limits: Skin Sensitisation 1A: C ≥ 0.05%

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## 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, 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 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 serious eye irritation, after flushing, if irritation develops or persists, seek medical assistance.

**SKIN CONTACT:** If skin or hair contact has occurred remove any contaminated clothing and footwear, wash skin or hair thoroughly with soap and water. If skin irritation or rash develops or persists, 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 irritation develops or persists, seek medical assistance.

### PROTECTION FOR FIRST AIDERS:

No personnel shall place themselves in a situation that is potentially hazardous to themselves. As the product contains surfactants, if the person has 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 are recommended in the area where the product is used. As a minimum, a source of running, potable water must be available.

### 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 localised burning, redness, pain, swelling and tearing. 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.

**CHRONIC:** Due to the presence of Methylisothiazolinone the product is rated as May produce an allergic skin reaction. This often manifests as allergic contact dermatitis. Skin contact may aggravate/exacerbate existing skin conditions, such as dermatitis.

### 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 material that may be burning once the aqueous component has evaporated.

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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, sodium, nitrogen and sulphur, as well as 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 may 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 Nitrile gloves, glasses/goggles, boots 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 and the atmosphere must be evaluated for oxygen deficiency. If in doubt 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. Caution: The spilled product will be slippery. 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.

**CLEANING PROCEDURES:** Having contained the spill, as mentioned above, collect all material quickly and place used absorbent in suitable containers. Caution: The spilled product will be slippery. Follow local regulations for the disposal of waste. For large spills that have been banded, the material can be pumped into vessels and returned for reprocessing or destruction. Personnel must wear gloves, goggles or glasses, boots and full-length clothing during cleaning procedures. Wash contaminated area and objects with detergent and water after spill has been cleared. Rinse the cleaned area with water. Do not allow wash water or rinsings to enter drains, surface water, sewers or water courses.

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## 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. 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, frost-free area away from direct sunlight, ignition sources, oxidising agents, strong acids and alkalis, foodstuffs, animal feeds and clothing. Always keep in containers made of the same material as the original one. Containers must be kept upright to prevent leakage. Protect the packaging from damage. When the packaged material is intact the product is deemed to be of limited hazard. Protect from frost. The recommended storage temperature is 20°C.

#### INCOMPATIBILITIES:

Avoid oxidising agents, including strong acids, and strongly alkaline materials.

## 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 required when using this product in normal use scenarios. However, at elevated temperatures, or in confined spaces mists or vapour may be generated and local exhaust ventilation should be provided to maintain airborne concentration levels below an acceptable level that does not cause irritation.

### 8.5 INDIVIDUAL PROTECTION MEASURES:

#### EYE & FACE PROTECTION:

When handling the concentrated product, or if spraying the product, wear safety glasses/goggles to avoid eye contact. Use eye protection in accordance with AS 1336 and AS 1337.

#### SKIN (HAND) PROTECTION:

When handling the concentrated product, personnel must wear gloves to provide hand protection. PVC, Nitrile or Neoprene gloves are recommended.

#### SKIN (CLOTHING)

##### PROTECTION:

When using the concentrated product, personnel are required to wear long sleeved clothing and an apron 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. However, if vapours are generated at a level that is uncomfortable to the individual, an approved half face organic vapour/particulate respirator is required. Use respirators in accordance with AS 1715 and AS 1716.

#### THERMAL PROTECTION:

Not applicable.

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## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 PHYSICAL AND CHEMICAL PROPERTIES:

<b>APPEARANCE:</b>	Yellow fluid.
<b>ODOUR:</b>	Citrus.
<b>ODOUR THRESHOLD:</b>	No data available.
<b>pH @20°C:</b>	Typically 5.0 - 5.5.
<b>MELTING/FREEZING POINT:</b>	No data available.
<b>INITIAL BOILING POINT:</b>	Typically ≥100°C.
<b>BOILING RANGE (°C):</b>	No data available.
<b>FLASHPOINT (°C):</b>	Not applicable.
<b>EVAPORATION RATE:</b>	No data available.
<b>FLAMMABILITY LIMITS (%):</b>	Not applicable.
<b>VAPOUR PRESSURE(mmHg):</b>	No data available.
<b>VAPOUR DENSITY:</b>	No data available.
<b>DENSITY (g/mL @ 20°C):</b>	Typically 1.02 to 1.04.
<b>SOLUBILITY IN WATER(g/L):</b>	Completely miscible.
<b>PARTITION COEFFICIENT:</b>	No data available for n-octanol/water.
<b>AUTO-IGNITION TEMP (°C):</b>	Product is not self igniting.
<b>DECOMPOSITION TEMP (°C):</b>	No data available.
<b>VISCOSITY (cSt @ 100°C):</b>	No data available.
<b>VISCOSITY (cSt @ 40°C):</b>	< 20.5 cSt.
<b>VISCOSITY (cSt @ 20°C):</b>	No data available.
<b>VISCOSITY:</b>	No data available.

## 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 and strong alkaline materials. Hazardous polymerisation does not occur.
- 10.4 CONDITIONS TO AVOID:** Observe the usual precautionary measures for handling chemicals. Do not heat the container or leave the container open when not in use.
- 10.5 INCOMPATIBLE MATERIALS:** Strong oxidising agents including concentrated acids, as well as strong alkaline salts.
- 10.6 HAZARDOUS DECOMPOSITION PRODUCTS:** Hazardous decomposition products are not expected to form during normal storage requirements.

## 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.

**Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts**

Oral - LD<sub>50</sub> (Rat): >5,000 mg/kg  
Dermal - LD<sub>50</sub> (Rat): >5,000 mg/kg

**Alcohols, C9-11, ethoxylated**

Oral - LD<sub>50</sub> (Rat): >5,000 mg/kg  
Dermal - LD<sub>50</sub> (Rabbit): >2,000 mg/kg

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## SECTION 11 – TOXICOLOGICAL INFORMATION Continued

- 11.2 SWALLOWED:** This product is expected to have a low order of toxicity associated with it when ingested. It contains components that are rated as Harmful and toxic if swallowed, however these are present at amounts well below the Concentration cut-off levels. 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. As the product is a shampoo containing anionic and amphoteric surfactants, it will have a degreasing effect on the skin. This product contains components that are rated as Harmful and Toxic in contact with skin, however these are present at amounts below the Concentration cut-off levels. 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 irritation. Eye contact may lead to localised burning, redness, pain, swelling and tearing. Correct handling procedures incorporating appropriate eye protection should minimise the risk of eye irritation.
- 11.5 RESPIRATORY OR SKIN SENSITISATION:** This product is rated as a May cause an allergic skin reaction. 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:** 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 or mist (generated by mechanical action, such as spraying) may cause irritation to the nose, throat and respiratory system. The product contains a component that is rated as Harmful and Toxic if inhaled, however these are present at amounts well below the Concentration cut-off levels.
- 11.10 SPECIFIC TARGET ORGAN TOXICITY (STOT) - REPEATED EXPOSURE:** 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. The product contains a component that is rated as Causes damage to organs through prolonged or repeated exposure through inhalation, however this is present at amounts well below the Concentration cut-off levels.
- 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. As the product contains anionic and amphoteric surfactants, if the product is ingested and the person has vomited, they should be observed to ensure there is no aspiration into the lungs.
- 11.12 OTHER INFORMATION:** No additional information is available.

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## SECTION 12 – ECOLOGICAL INFORMATION

### 12.1 ECOTOXICITY:

There is no data available for the product as a whole. The following component data was supplied by the manufacturer.

#### **Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts**

LC<sub>50</sub> (Leuciscus idus): >10-100 mg/L  
EC<sub>0</sub> (Pseudomonas putida): >100 mg/L  
EC<sub>50</sub> (Scenedesmus subspicatus): >100 mg/L  
EC<sub>50</sub> (Daphnia magna): >10-100 mg/L  
NOEC (Leuciscus idus): >1-10 mg/L  
NOEC (Daphnia magna): >0.1-1 mg/L

#### **Alcohols, C9-11, ethoxylated**

LC<sub>50</sub> (Rainbow trout, 96h): >1-10 mg/L  
EC<sub>50</sub> (Skeletonema costatum, 72h): >1-10 mg/L  
EC<sub>50</sub> (Daphnia magna, 48h): >1-10 mg/L

#### **3-Isothiazolone, 2-methyl-**

EC<sub>20</sub> (active sludge, 3h): 2.8 mg/L (DIN 38412-3 (TTC-Test))  
EC<sub>50</sub> (activated sludge, 3h): 34.6 mg/L (DIN 38412-3 (TTC-Test))

#### **2-Pyridinethiol, 1-oxide, sodium salt**

LC<sub>50</sub> (Zebra fish, 96h): 0.00767 mg/L  
EC<sub>20</sub> (KS, 3h): 0.48 mg/L (OECD 209)  
EC<sub>50</sub> (KS, 3h): 1.81 mg/L (OECD 209)  
EC<sub>50</sub> (Daphnia, 48h): 0.022 mg/L  
EC<sub>50</sub> (Selenastrum capricornutum, 72h): 0.46 mg/L  
NOEC (Selenastrum capricornutum, 72h): 0.08 mg/L (OECD 201)

There is no data available for the product as a whole. The product contains components that are rated as Very toxic to aquatic, Very toxic to aquatic life with long lasting effects and Harmful to aquatic life with long lasting effects, however these are present at amounts below the Concentration cut-off levels. Based upon these nominated values the product is not expected to be rated.

### 12.2 PERSISTENCE & DEGRADABILITY:

There is no data available for the product as a whole. The manufacturer states that surfactants contained in this product meet the EU Detergent Regulation requirements (EC/648/2004) for the ultimate biodegradability for surfactants in detergents. The manufacturer nominates that the biodegradation for 2-Pyridinethiol, 1-oxide, sodium salt is >70% (OECD 301 B). According to information provided in the supply chain, the mix contains less than 0.1 % of any substance classified as PBT or vPvB.

### 12.3 BIOACCUMULATIVE POTENTIAL:

There is no data available for the product as a whole. The manufacturer states that the 3-Isothiazolone, 2-methyl- component has a log Kow of ≤0.32 and BCF of 3.16, whilst the 2-Pyridinethiol, 1-oxide, sodium salt component has a log Kow of <-1.09 ((n-octanol/water) OECD 107).

### 12.4 MOBILITY IN SOIL: 12.5 OTHER ADVERSE EFFECTS:

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

Do not allow product to enter drains, surface water, sewers or watercourses - inform local authorities if this occurs. The product is miscible in water. The manufacturer states that the product does not contain organically bounded halogens (AOX-free) or organic complexing agents.

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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 hazardous 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. Do not pour leftover product down the drain.

**CONTAINERS:** Empty containers may contain residual product. They should be completely drained and then stored until reconditioned or disposed of. Empty containers should be taken for recycling or 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.

#### OTHER REGULATORY INFORMATION:

#### GHS CLASSIFICATION HAZARD CLASS & CATEGORY

**AND HAZARD STATEMENT:** Acute Toxicity - Oral Category 3; H301 - Toxic if swallowed.  
Acute Toxicity - Oral Category 4; H302 - Harmful if swallowed.  
Acute Toxicity - Dermal Category 3; H311 - Toxic in contact with skin.  
Acute Toxicity - Dermal Category 4; H312 - Harmful in contact with skin.  
Skin Corrosion/Irritation Category 1B & 1C; H314 - Causes severe skin burns and eye damage.  
Skin Corrosion/Irritation Category 2; H315 - Causes skin irritation.  
Skin Sensitisation Category 1; H317 - May cause an allergic skin reaction.  
Eye Damage/Irritation Category 1; H318 - Causes serious eye damage.  
Eye Damage/Irritation Category 2A; H319 - Causes serious eye irritation.  
Eye Damage/Irritation Category 2B; H320 - Causes eye irritation.  
Acute Toxicity - Inhalation Category 2; H330 - Fatal if inhaled.  
Acute Toxicity - Inhalation Category 4; H332 - Harmful if inhaled.  
STOT (Repeated Exposure) Category 1; H372 - Causes damage to organs through prolonged or repeated exposure through inhalation.  
Acute Aquatic Toxicity Category 1; H400 - Very toxic to aquatic life.  
Acute Aquatic Toxicity Category 1; H401 - Toxic to aquatic life.  
Chronic Aquatic Toxicity Category 1; H410 - Very toxic to aquatic life with long lasting effects.  
Chronic Aquatic Toxicity Category 3; H412 - Harmful to aquatic life with long lasting effects.  
AUH070 - Toxic by eye contact  
AUH071 - Corrosive to the respiratory tract.

**HSNO APPROVAL NUMBER:** HSR002530

**HSNO GROUP TITLE:** Cleaning Products (Subsidiary Hazard) Group Standard 2020

## SECTION 16 – ANY OTHER RELEVANT INFORMATION

#### SDS INFORMATION:

**Date of SDS Preparation:** 10<sup>th</sup> November 2022

**Revision:** 2.0

**REVISION CHANGES:** Updated formulation. Changes to Sections 2, 3, 9, 11, 12, 15 and 16.

#### 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  
EH40 EH40/2005 Workplace Exposure Limits  
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

# SAFETY DATA SHEET

## SECTION 16 – ANY OTHER RELEVANT INFORMATION Continued

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.
LD <sub>50</sub>	Median Lethal Dose
LC <sub>50</sub>	Median Lethal Concentration
EC <sub>50</sub>	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
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 Substance 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 7<sup>th</sup> 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  
NICNAS IMAP Human Health Tier II Assessment for 2-Pyridinethiol, 1-oxide, sodium salt-, CAS Number: 3811-73-2.  
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 III Assessment for Isothiazolinones including CAS Numbers 2682-20-4 and 2634-33-5.

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