

SAFETY DATA SHEET



HEALTH • HYGIENE • HOME

1. Identification of the material and supplier

Product name : Pine O Clean Gold Washing Machine Cleaner Forest Breeze
SDS # : D8317729 v5.0L
Formulation # : 8312009 v2
Supplier : AUSTRALIA
RB (Hygiene Home) Australia Pty Ltd
ABN: 58 629 549 506
680 George St , Sydney, NSW 2000
Tel: +61 (0)2 9857 2000

NEW ZEALAND
RB (Hygiene Home) New Zealand Limited
Company number: 7097753
2 Fred Thomas Drive, Takapuna
Auckland , New Zealand 0622
Tel: +64 9 484 1400

Poison Information contact: : Australia - 13 11 26
New Zealand - 0800 764 766 or 0800 POISON

Material uses : Washing Machine Cleaner
Product use : Consumer

Section 2. Hazard(s) identification

Classification of the substance or mixture : CORROSIVE TO METALS - Category 1
SKIN CORROSION/IRRITATION - Category 2
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1

GHS label elements Hazard pictograms

:



Signal word : **DANGER**
Hazard statements : **May be corrosive to metals.**
Causes skin irritation.
Causes serious eye damage.

Precautionary statements

General : If medical advice is needed, have product container or label at hand. Keep out of reach of children.
Prevention : Wear eye protection. Keep only in original packaging. Wash hands thoroughly after handling.
Response : Wash hands after handling. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor/[***]. IF SWALLOWED: Do NOT induce vomiting. Immediately call a POISON CENTER/doctor/[***].
Storage : Not applicable.
Disposal : Dispose of contents and container in accordance with all local, regional, national and international regulations.

Section 2. Hazard(s) identification

- Supplemental label elements** : Contains Benzyl-C12-14-alkyldimethylammonium chlorides and L-Lactic acid (2-hydroxy propionic acid)
- Additional information** : No known significant effects or critical hazards.
- Recommendations** : No known significant effects or critical hazards.
- Recommendations** : No known significant effects or critical hazards.
- Other hazards which do not result in classification** : None known.

Section 3. Composition and ingredient information

Substance/mixture : Mixture

| Ingredient name | % (w/w) | CAS number |
|--|-----------|------------|
| Citric acid | ≥10 - ≤30 | 77-92-9 |
| L-Lactic acid (2-hydroxy propionic acid) | ≤5 | 79-33-4 |
| Propylene glycol | ≤3 | 57-55-6 |
| quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl,chlorides | ≤3 | 68424-85-1 |

Other Non-hazardous ingredients to 100%

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

- Eye contact** : Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.
- Inhalation** : Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Get medical attention immediately. Call a poison center or physician. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health effects

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Section 4. First aid measures

- Eye contact** : Causes serious eye damage.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : Causes skin irritation.
- Ingestion** : No known significant effects or critical hazards.

Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:
pain
watering
redness
- Inhalation** : No specific data.
- Skin contact** : Adverse symptoms may include the following:
pain or irritation
redness
blistering may occur
- Ingestion** : Adverse symptoms may include the following:
stomach pains

Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

Specific hazards arising from the chemical : No specific fire or explosion hazard.

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
metal oxide/oxides

Special protective actions for fire-fighters : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Hazchem Code : 2X

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

Small spill : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Absorb spillage to prevent material damage. Dispose of via a licensed waste disposal contractor.

Large spill : Stop leak if without risk. Move containers from spill area. Absorb spillage to prevent material damage. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

See Section 1 for emergency contact information.

See Section 8 for information on appropriate personal protective equipment.

See Section 13 for additional waste treatment information.

Section 7. Handling and storage

Precautions for safe handling

Protective measures : Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container. Absorb spillage to prevent material damage.

Advice on general occupational hygiene : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store in a corrosion resistant container with a resistant inner liner. Store locked up. Keep away from metals. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Section 8. Exposure controls and personal protection

Control parameters

Australia

Occupational exposure limits

| Ingredient name | Exposure limits |
|------------------|---|
| Citric acid | DFG MAC-values list (Germany, 7/2017). PEAK: 4 mg/m ³ , 4 times per shift, 15 minutes. Form: inhalable fraction TWA: 2 mg/m ³ 8 hours. Form: inhalable fraction Safe Work Australia (Australia, 4/2018). TWA: 10 mg/m ³ 8 hours. Form: Particulate TWA: 150 ppm 8 hours. Form: Vapor and particulates TWA: 474 mg/m ³ 8 hours. Form: Vapor and particulates |
| Propylene glycol | |

New Zealand

Occupational exposure limits : No exposure standard allocated.

| Ingredient name | Exposure limits |
|------------------|---|
| propane-1,2-diol | NZ HSWA 2015 (New Zealand, 11/2017). WES-TWA: 10 mg/m ³ 8 hours. Form: Particulate WES-TWA: 150 ppm 8 hours. Form: Vapor and particulates WES-TWA: 474 mg/m ³ 8 hours. Form: Vapor and particulates |

Appropriate engineering controls : If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Environmental exposure controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles and/or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

Skin protection

Hand protection : Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Body protection : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Section 8. Exposure controls and personal protection

Respiratory protection : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties

Appearance

Physical state : Liquid.
Color : Transparent Blue.
Odor : Pleasant.
Odor threshold : Not available.
pH : 2.2 to 2.8 [Conc. (% w/w): 100%] (@ 20°C)

Melting point : Not available.
Boiling point : Not available.
Flash point : Closed cup: >93.3°C (>199.9°F)
Evaporation rate : Not available.
Flammability (solid, gas) : Not applicable Liquid mixture
Lower and upper explosive (flammable) limits : Not available.
Vapor pressure : Not available.
Vapor density : Not available.
Relative density : 1.09 to 1.13
Solubility : Easily soluble in the following materials: cold water and hot water.
Solubility in water : See corresponding field in Section 9.1
Partition coefficient: n-octanol/water : Not applicable
 Complex mixture containing surfactants
Auto-ignition temperature : Not available.
Decomposition temperature : Not available.
Viscosity : Not available.
Flow time (ISO 2431) : Not available.

Aerosol product

Section 10. Stability and reactivity

Reactivity : No specific test data related to reactivity available for this product or its ingredients.

Chemical stability : The product is stable.

Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid : No specific data.

Incompatible materials : Reactive or incompatible with the following materials:
metals

Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

| Product/ingredient name | Result | Species | Dose | Exposure |
|---|-----------------------|-----------------------|-------------|----------|
| Citric acid L-Lactic acid (2-hydroxy propionic acid) | LD50 Oral | Rat | 11700 mg/kg | - |
| | LC50 Inhalation Vapor | Rat - Male, Female | 7.94 mg/l | 4 hours |
| Propylene glycol | LD50 Dermal | Rabbit - Male | 2000 mg/kg | - |
| | LD50 Oral | Rat - Female | 3543 mg/kg | - |
| quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides | LD50 Dermal | Rabbit | 20800 mg/kg | - |
| | LD50 Oral | Rat | 20 g/kg | - |
| quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides | LD50 Dermal | Rabbit | 2848 mg/kg | - |
| | LD50 Dermal | Rabbit | 3413 mg/kg | - |
| | LD50 Oral | Rat | 344 mg/kg | - |
| | LD50 Oral | Rat | 398 mg/kg | - |

Conclusion/Summary : Based on available data, the classification criteria are not met.

Irritation/Corrosion

| Product/ingredient name | Result | Species | Score | Exposure | Observation |
|---|--------------------------|---------|-------|--------------------------------------|-------------|
| Citric acid | Eyes - Severe irritant | Rabbit | - | 24 hours 750 Micrograms | - |
| | Skin - Mild irritant | Rabbit | - | 24 hours 500 milligrams | - |
| L-Lactic acid (2-hydroxy propionic acid) | Skin - Irritant | Rabbit | - | 24 hours | - |
| Propylene glycol | Eyes - Mild irritant | Rabbit | - | 24 hours 500 milligrams | - |
| | Eyes - Mild irritant | Rabbit | - | 100 milligrams | - |
| quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides | Skin - Moderate irritant | Child | - | 96 hours 30 Percent continuous | - |
| | Skin - Mild irritant | Human | - | 168 hours 500 milligrams | - |
| quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides | Skin - Moderate irritant | Human | - | 72 hours 104 milligrams Intermittent | - |
| | Skin - Mild irritant | Woman | - | 96 hours 30 Percent | - |
| quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides | Skin - Severe irritant | Rabbit | - | 25 milligrams | - |

Conclusion/Summary

Skin : Based on Calculation method: Causes skin irritation.

Eyes : Based on Calculation method: Causes serious eye damage.

Respiratory : Based on available data, the classification criteria are not met.

Sensitization

Section 11. Toxicological information

| Product/ingredient name | Route of exposure | Species | Result |
|---|-------------------|------------|-----------------|
| L-Lactic acid (2-hydroxy propionic acid) quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides | skin | Guinea pig | Not sensitizing |
| | skin | Guinea pig | Not sensitizing |

Conclusion/Summary

Skin : Based on available data, the classification criteria are not met.

Respiratory : Based on available data, the classification criteria are not met.

Mutagenicity

| Product/ingredient name | Test | Experiment | Result |
|---|--|---|----------|
| quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides | OECD 471 - Bacterial Reverse Mutation Test | Experiment: In vitro Subject: Bacteria | Negative |
| | OECD 473 - Mammalian Chromosomal Aberration Test | Experiment: In vitro Subject: Mammalian-Animal | Negative |
| | OECD 476 - Mammalian Cell Gene Mutation Test | Experiment: In vitro Subject: Mammalian-Animal | Negative |

Conclusion/Summary : Based on available data, the classification criteria are not met.

Carcinogenicity

Not available.

Conclusion/Summary : Based on available data, the classification criteria are not met.

Reproductive toxicity

Not available.

Conclusion/Summary : Based on available data, the classification criteria are not met.

Teratogenicity

Not available.

Conclusion/Summary : Based on available data, the classification criteria are not met.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on the likely routes of exposure : Not available.

Potential acute health effects

Eye contact : Causes serious eye damage.

Inhalation : No known significant effects or critical hazards.

Skin contact : Causes skin irritation.

Ingestion : No known significant effects or critical hazards.

Section 11. Toxicological information

Symptoms related to the physical, chemical and toxicological characteristics

| | |
|---------------------|--|
| Eye contact | : Adverse symptoms may include the following: pain watering redness |
| Inhalation | : No specific data. |
| Skin contact | : Adverse symptoms may include the following: pain or irritation redness blistering may occur |
| Ingestion | : Adverse symptoms may include the following: stomach pains |

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

| | |
|------------------------------------|------------------|
| Potential immediate effects | : Not available. |
| Potential delayed effects | : Not available. |

Long term exposure

| | |
|------------------------------------|------------------|
| Potential immediate effects | : Not available. |
| Potential delayed effects | : Not available. |

Potential chronic health effects

Not available.

| | |
|------------------------------|---|
| Conclusion/Summary | : Based on available data, the classification criteria are not met. |
| General | : No known significant effects or critical hazards. |
| Carcinogenicity | : No known significant effects or critical hazards. |
| Mutagenicity | : No known significant effects or critical hazards. |
| Teratogenicity | : No known significant effects or critical hazards. |
| Developmental effects | : No known significant effects or critical hazards. |
| Fertility effects | : No known significant effects or critical hazards. |

Numerical measures of toxicity

Acute toxicity estimates

| Route | ATE value |
|---------------------|----------------|
| Oral | 19111.11 mg/kg |
| Dermal | 27500 mg/kg |
| Inhalation (vapors) | 198.5 mg/l |

Section 12. Ecological information

Toxicity

| Product/ingredient name | Result | Species | Exposure |
|--|-------------------------------------|---|----------|
| Citric acid | Acute LC50 160000 µg/l Marine water | Crustaceans - Carcinus maenas - Adult | 48 hours |
| L-Lactic acid (2-hydroxy propionic acid) | Acute EC50 240000 µg/l Fresh water | Daphnia - Daphnia magna | 48 hours |
| | Acute LC50 320000 µg/l Fresh water | Algae - Pseudokirchneriella subcapitata | 96 hours |
| Propylene glycol | Acute LC50 130 ppm Fresh water | Fish - Oncorhynchus mykiss | 96 hours |
| | Acute EC50 >110 ppm Fresh water | Daphnia - Daphnia magna | 48 hours |

Section 12. Ecological information

| | | | |
|---|---|---------------------------------------|----------------------|
| quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides | Acute LC50 1020000 µg/l Fresh water | Crustaceans - Ceriodaphnia dubia | 48 hours |
| | Acute LC50 710000 µg/l Fresh water Acute EC50 0.016 mg/l | Fish - Pimephales promelas Daphnia | 96 hours 48 hours |
| | Acute LC50 64 ppb Fresh water Chronic EC10 0.009 mg/l | Fish - Oncorhynchus mykiss Algae | 96 hours 72 hours |

Conclusion/Summary : Based on available data, the classification criteria are not met.

Persistence and degradability

Conclusion/Summary : Based on available data, the classification criteria are not met.

| Product/ingredient name | Aquatic half-life | Photolysis | Biodegradability |
|---|-------------------|------------|------------------|
| quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides | - | - | Readily |

Bioaccumulative potential

| Product/ingredient name | LogP _{ow} | BCF | Potential |
|-------------------------|--------------------|-----|-----------|
| Citric acid | -1.8 | - | low |
| Propylene glycol | -1.07 | - | low |

Mobility in soil

Soil/water partition coefficient (K_{oc}) : Not available.

Other adverse effects : No known significant effects or critical hazards.





Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

| | ADG | ADR/RID | IMDG | IATA |
|--------------------------------|--|--|--|---|
| UN number | UN3265 | UN3265 | UN3265 | UN3265 |
| UN proper shipping name | CORROSIVE LIQUID, ACIDIC, ORGANIC, N. O.S. (Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides) | CORROSIVE LIQUID, ACIDIC, ORGANIC, N. O.S. (Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides) | CORROSIVE LIQUID, ACIDIC, ORGANIC, N. O.S. (Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides) | Corrosive liquid, acidic, organic, n.o.s. (Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides) |

Section 14. Transport information

| | | | | |
|----------------------------|--|--|---|--|
| Transport hazard class(es) | 8  | 8  | 8  | 8  |
| Packing group | III | III | III | III |
| Environmental hazards | No. | No. | No. | No. |

Additional information

| | |
|----------------|--|
| ADG | : Hazchem code 2X Special provisions 223, 274 |
| ADR/RID | : Hazard identification number 80 Limited quantity 5 L Special provisions 274 Tunnel code (E) |
| IMDG | : Emergency schedules F-A, S-B Special provisions 223, 274 |
| IATA | : Quantity limitation Passenger and Cargo Aircraft: 5 L. Packaging instructions: 852. Cargo Aircraft Only: 60 L. Packaging instructions: 856. Limited Quantities - Passenger Aircraft: 1 L. Packaging instructions: Y841. Special provisions A3, A803 |

Special precautions for user : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according to IMO instruments : Not available.

Section 15. Regulatory information

Standard for the Uniform Scheduling of Medicines and Poisons

Not scheduled

Model Work Health and Safety Regulations - Scheduled Substances

No listed substance

| | |
|---|--|
| Australia inventory (AICS) | : All components are listed or exempted. |
| New Zealand Inventory of Chemicals (NZIoC) | : All components are listed or exempted. |
| HSNO Group Standard | : Cleaning Product (Corrosive) Group Standard 2020 |
| HSNO Approval Number | : HSR002526 |

Section 16. Any other relevant information

| | |
|-----------------------------|---|
| Key to abbreviations | : ADG = Australian Dangerous Goods ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Intermediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, |
|-----------------------------|---|

Section 16. Any other relevant information

1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
 NOHSC = National Occupational Health and Safety Commission
 SUSMP = Standard Uniform Schedule of Medicine and Poisons
 UN = United Nations

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Version : 5.0L

Procedure used to derive the classification

| Classification | Justification |
|---|---|
| CORROSIVE TO METALS - Category 1 SKIN CORROSION/IRRITATION - Category 2 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1 | On basis of test data Calculation method Calculation method |

References : Not available.

✔ Indicates information that has changed from previously issued version.

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Please read all labels carefully before using product.