

# RESENE ROOF AND METAL WASH

## Resene Paints Ltd

Version No: 1.2  
Safety Data Sheet according to HSNO Regulations

Issue Date: 29/04/2020  
Print Date: 29/04/2020  
L.GHS.NZL.EN

## SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

### Product Identifier

|                               |  |
|-------------------------------|--|
| Product name                  | RESENE ROOF AND METAL WASH   |
| Synonyms                      | Not Available  |
| Proper shipping name          | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains alcohols C12-14 secondary ethoxylated) |
| Other means of identification | Not Available  |

### Relevant identified uses of the substance or mixture and uses advised against

|                          |      |
|--------------------------|------|
| Relevant identified uses | 8186 |
|--------------------------|------|

### Details of the supplier of the safety data sheet

|                         |   |
|-------------------------|---|
| Registered company name | Resene Paints Ltd                         |
| Address                 | 32-50 Vogel Street Wellington New Zealand |
| Telephone               | +64 4 577 0500                            |
| Fax                     | +64 4 5773327                             |
| Website                 | www.resene.co.nz                          |
| Email                   | advice@resene.co.nz                       |

### Emergency telephone number

|                                   |                          |                              |
|-----------------------------------|--------------------------|------------------------------|
| Association / Organisation        | NZ POISONS (24hr 7 days) | CHEMWATCH EMERGENCY RESPONSE |
| Emergency telephone numbers       | 0800 764766              | +64 800 700 112              |
| Other emergency telephone numbers | Not Available            | +61 2 9186 1132              |


Once connected and if the message is not in your preferred language then please dial 01

## SECTION 2 HAZARDS IDENTIFICATION

### Classification of the substance or mixture

|   |  |
|---|--|
| Classification [1]                              | Acute Aquatic Hazard Category 1, Eye Irritation Category 2, Acute Toxicity (Oral) Category 5, Acute Toxicity (Dermal) Category 5, Skin Corrosion/Irritation Category 3 |
| Legend:   | 1. Classified by Chemwatch; 2. Classification drawn from CCID EPA NZ; 3. Classification drawn from Regulation (EU) No 1272/2008 - Annex VI                             |
| Determined by Chemwatch using GHS/HSNO criteria | 6.1E (dermal), 6.1E (oral), 6.3B, 6.4A, 9.1A   |

### Label elements

|                     |   |
|---------------------|---|
| Hazard pictogram(s) |  |
|---------------------|---|

|             |                |
|-------------|----------------|
| SIGNAL WORD | <b>WARNING</b> |
|-------------|----------------|

### Hazard statement(s)

|      |                                      |
|------|--------------------------------------|
| H400 | Very toxic to aquatic life.          |
| H319 | Causes serious eye irritation.       |
| H303 | May be harmful if swallowed.         |
| H313 | May be harmful in contact with skin. |
| H316 | Causes mild skin irritation.         |

### Precautionary statement(s) Prevention

|      |  |
|------|--|
| P273 | Avoid release to the environment.  |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |

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## Precautionary statement(s) Response

|                |  |
|----------------|--|
| P312           | Call a POISON CENTER/doctor/physician/first aider/if you feel unwell.  |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P332+P313      | If skin irritation occurs: Get medical advice/attention.   |
| P337+P313      | If eye irritation persists: Get medical advice/attention.  |
| P391           | Collect spillage.  |

## Precautionary statement(s) Storage

Not Applicable

## Precautionary statement(s) Disposal

|      |  |
|------|--|
| P501 | Dispose of contents/container to authorised hazardous or special waste collection point in accordance with any local regulation. |
|------|--|

## SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

## Substances

See section below for composition of Mixtures

Ingredients are required by the Hazard Substances (Safety Data Sheets) Notice 2017 to be identified:

## Mixtures

| CAS No     | %[weight] | Name   |
|------------|-----------|--|
| 13845-36-8 | 5-10      | <u>potassium tripolyphosphate</u>                    |
| 37281-48-4 | 5-10      | <u>cresol phosphate, potassium salt, ethoxylated</u> |
| 84133-50-6 | 1-5       | <u>alcohols C12-14 secondary ethoxylated</u>         |

## SECTION 4 FIRST AID MEASURES

## Description of first aid measures

|              |   |
|--------------|---|
| Eye Contact  | <p>If this product comes in contact with the eyes:</p> <ul style="list-style-type: none"> <li>▶ Wash out immediately with fresh running water.</li> <li>▶ Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.</li> <li>▶ Seek medical attention if pain persists or recurs.</li> <li>▶ Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.</li> </ul> |
| Skin Contact | <p>If skin contact occurs:</p> <ul style="list-style-type: none"> <li>▶ Immediately remove all contaminated clothing, including footwear.</li> <li>▶ Flush skin and hair with running water (and soap if available).</li> <li>▶ Seek medical attention in event of irritation.</li> </ul>   |
| Inhalation   | <ul style="list-style-type: none"> <li>▶ If fumes, aerosols or combustion products are inhaled remove from contaminated area.</li> <li>▶ Other measures are usually unnecessary.</li> </ul>   |
| Ingestion    | <ul style="list-style-type: none"> <li>▶ Immediately give a glass of water.</li> <li>▶ First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.</li> </ul>   |

## Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5 FIREFIGHTING MEASURES

## Extinguishing media

The product contains a substantial proportion of water, therefore there are no restrictions on the type of extinguishing media which may be used.

## Special hazards arising from the substrate or mixture

|                      |             |
|----------------------|-------------|
| Fire Incompatibility | None known. |
|----------------------|-------------|

## Advice for firefighters

|                       |  |
|-----------------------|--|
| Fire Fighting         | <ul style="list-style-type: none"> <li>▶ Alert Fire Brigade and tell them location and nature of hazard.</li> </ul>  |
| Fire/Explosion Hazard | <ul style="list-style-type: none"> <li>▶ Non combustible</li> </ul> <p>Decomposes on heating and produces toxic fumes of:<br/>carbon dioxide (CO<sub>2</sub>)<br/>phosphorus oxides (PO<sub>x</sub>)<br/>other pyrolysis products typical of burning organic material.</p> |

## SECTION 6 ACCIDENTAL RELEASE MEASURES

## RESENE ROOF AND METAL WASH

**Personal precautions, protective equipment and emergency procedures**

See section 8

**Environmental precautions**

See section 12

**Methods and material for containment and cleaning up**

|                     |   |
|---------------------|---|
| <b>Minor Spills</b> | Environmental hazard - contain spillage.<br>Control personal contact with the substance, by using personal protective equipment. Contain spill with sawdust, sand, earth, inert material or vermiculite then place in suitable, labelled container for waste disposal. Wipe up.   |
| <b>Major Spills</b> | Environmental hazard - contain spillage.<br>Clear area of personnel and move upwind. Alert Fire Brigade and tell them location and nature of hazard. Wear appropriate personnel protective equipment and clothing to prevent exposure. Avoid breathing in mists or vapours and skin or eyes contact. Prevent, by any means available, spillage from entering drains or water course. Stop leak if safe to do so. Contain spill with sawdust, sand, earth, inert material or vermiculite then place in suitable, labelled container for waste disposal. Clean contaminated objects and areas thoroughly observing environmental regulations. If the product contaminates waterways, inform competent authorities in accordance with local regulations. |

Personal Protective Equipment advice is contained in Section 8 of the SDS.

**SECTION 7 HANDLING AND STORAGE****Precautions for safe handling**

|                          |  |
|--------------------------|--|
| <b>Safe handling</b>     | <ul style="list-style-type: none"> <li>▶ Avoid unnecessary personal contact.</li> <li>▶ <b>DO NOT allow clothing wet with material to stay in contact with skin</b></li> </ul> |
| <b>Other information</b> | <ul style="list-style-type: none"> <li>▶ Store in original containers.</li> </ul>  |

**Conditions for safe storage, including any incompatibilities**

|                                |   |
|--------------------------------|---|
| <b>Suitable container</b>      | ▶ Polyethylene or polypropylene container.  |
| <b>Storage incompatibility</b> | ▶ reacts with strong oxidisers, permanganates, peroxides, ammonium persulfate, bromine dioxide, sulfuric acid, nitric acid, perchloric acid and other strong acids. |

**SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION****Control parameters****OCCUPATIONAL EXPOSURE LIMITS (OEL)****INGREDIENT DATA**

Not Available

**EMERGENCY LIMITS**

| Ingredient                 | Material name | TEEL-1        | TEEL-2        | TEEL-3        |
|----------------------------|---------------|---------------|---------------|---------------|
| RESENE ROOF AND METAL WASH | Not Available | Not Available | Not Available | Not Available |

| Ingredient                                    | Original IDLH | Revised IDLH  |
|---|---------------|---------------|
| potassium tripolyphosphate                    | Not Available | Not Available |
| cresol phosphate, potassium salt, ethoxylated | Not Available | Not Available |
| alcohols C12-14 secondary ethoxylated         | Not Available | Not Available |

**OCCUPATIONAL EXPOSURE BANDING**

| Ingredient                 | Occupational Exposure Band Rating | Occupational Exposure Band Limit |
|----------------------------|-----------------------------------|----------------------------------|
| potassium tripolyphosphate | E                                 | ≤ 0.01 mg/m <sup>3</sup>         |

**Notes:**

Occupational exposure banding is a process of assigning chemicals into specific categories or bands based on a chemical's potency and the adverse health outcomes associated with exposure. The output of this process is an occupational exposure band (OEB), which corresponds to a range of exposure concentrations that are expected to protect worker health.

**Exposure controls**

|   |  |
|---|--|
| <b>Appropriate engineering controls</b> | Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. |
| <b>Personal protection</b>              |                     |

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|                                |   |
|--------------------------------|---|
| <b>Eye and face protection</b> | ▶ Safety glasses with side shields.   |
| <b>Skin protection</b>         | See Hand protection below   |
| <b>Hands/feet protection</b>   | ▶ Wear chemical protective gloves, e.g. PVC.<br>The selection of suitable gloves does not only depend on the material, but also on further marks of quality which vary from manufacturer to manufacturer. |
| <b>Body protection</b>         | Overalls  |
|                                |   |

**Respiratory protection**

No special measures required.

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

|   |                             |  |               |
|---|-----------------------------|--|---------------|
| <b>Appearance</b>                                   | Thin and foamy clear liquid |  |               |
| <b>Physical state</b>                               | Liquid                      | <b>Relative density (Water = 1)</b>            | 1.04          |
| <b>Odour</b>  | Not Available               | <b>Partition coefficient n-octanol / water</b> | Not Available |
| <b>Odour threshold</b>                              | Not Available               | <b>Auto-ignition temperature (°C)</b>          | Not Available |
| <b>pH (as supplied)</b>                             | 9.0                         | <b>Decomposition temperature</b>               | Not Available |
| <b>Melting point / freezing point (°C)</b>          | Not Available               | <b>Viscosity (cSt)</b>                         | Not Available |
| <b>Initial boiling point and boiling range (°C)</b> | 100                         | <b>Molecular weight (g/mol)</b>                | Not Available |
| <b>Flash point (°C)</b>                             | Not Available               | <b>Taste</b>                                   | Not Available |
| <b>Evaporation rate</b>                             | Not Available               | <b>Explosive properties</b>                    | Not Available |
| <b>Flammability</b>                                 | Not Available               | <b>Oxidising properties</b>                    | Not Available |
| <b>Upper Explosive Limit (%)</b>                    | Not Available               | <b>Surface Tension (dyn/cm or mN/m)</b>        | Not Available |
| <b>Lower Explosive Limit (%)</b>                    | Not Available               | <b>Volatile Component (%vol)</b>               | 94            |
| <b>Vapour pressure (kPa)</b>                        | Not Available               | <b>Gas group</b>                               | Not Available |
| <b>Solubility in water</b>                          | Miscible                    | <b>pH as a solution (1%)</b>                   | Not Available |
| <b>Vapour density (Air = 1)</b>                     | Not Available               | <b>VOC g/L</b>                                 | 97            |

**SECTION 10 STABILITY AND REACTIVITY**

|   |               |
|---|---------------|
| <b>Reactivity</b>                         | See section 7 |
| <b>Chemical stability</b>                 | ▶ stable      |
| <b>Possibility of hazardous reactions</b> | See section 7 |
| <b>Conditions to avoid</b>                | See section 7 |
| <b>Incompatible materials</b>             | See section 7 |
| <b>Hazardous decomposition products</b>   | See section 5 |

**SECTION 11 TOXICOLOGICAL INFORMATION****Information on toxicological effects**

|                     |  |
|---------------------|--|
| <b>Inhaled</b>      | Not normally a hazard due to non-volatile nature of product  |
| <b>Ingestion</b>    | The material has <b>NOT</b> been classified by EC Directives or other classification systems as 'harmful by ingestion'.  |
| <b>Skin Contact</b> | Skin contact with the material may damage the health of the individual; systemic effects may result following absorption.<br>Open cuts, abraded or irritated skin should not be exposed to this material<br>Entry into the blood-stream through, for example, cuts, abrasions, puncture wounds or lesions, may produce systemic injury with harmful effects. |
| <b>Eye</b>          | Evidence exists, or practical experience predicts, that the material may cause eye irritation in a substantial number of individuals and/or may produce significant ocular lesions which are present twenty-four hours or more after instillation into the eye(s) of experimental animals.   |
| <b>Chronic</b>      | Long-term exposure to the product is not thought to produce chronic effects adverse to health (as classified by EC Directives using animal models); nevertheless exposure by all routes should be minimised as a matter of course.   |

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|   |   |  |
|---|---|--|
| RESENE ROOF AND METAL WASH                    | TOXICITY  | IRRITATION   |
|   | Not Available   | Not Available  |
| potassium tripolyphosphate                    | TOXICITY  | IRRITATION   |
|   | Oral (rat) LD50: ~2000 mg/kg <sup>[2]</sup>   | Eye: no adverse effect observed (not irritating) <sup>[1]</sup>  |
|   |   | Skin: no adverse effect observed (not irritating) <sup>[1]</sup> |
| cresol phosphate, potassium salt, ethoxylated | TOXICITY  | IRRITATION   |
|   | Not Available   | Not Available  |
| alcohols C12-14 secondary ethoxylated         | TOXICITY  | IRRITATION   |
|   | Not Available   | Not Available  |
| <b>Legend:</b>                                | 1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2. * Value obtained from manufacturer's SDS. Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances |  |

|  |  |
|--|--|
| POTASSIUM TRIPOLYPHOSPHATE   | Asthma-like symptoms may continue for months or even years after exposure to the material ceases.  |
| ALCOHOLS C12-14 SECONDARY ETHOXYLATED  | <p>Polyethers, for example, ethoxylated surfactants and polyethylene glycols, are highly susceptible towards air oxidation as the ether oxygens will stabilize intermediary radicals involved.</p> <p>Human beings have regular contact with alcohol ethoxylates through a variety of industrial and consumer products such as soaps, detergents, and other cleaning products .</p> <p>Alcohol ethoxylates are according to CESIO (2000) classified as Irritant or Harmful depending on the number of EO-units:<br/> EO &lt; 5 gives Irritant (Xi) with R38 (Irritating to skin) and R41 (Risk of serious damage to eyes)<br/> EO &gt; 5-15 gives Harmful (Xn) with R22 (Harmful if swallowed) - R38/41<br/> EO &gt; 15-20 gives Harmful (Xn) with R22-41<br/> &gt;20 EO is not classified (CESIO 2000)</p> <p>Oxo-AE, C13 EO10 and C13 EO15, are Irritating (Xi) with R36/38 (Irritating to eyes and skin) .<br/> AE are not included in Annex 1 of the list of dangerous substances of the Council Directive 67/548/EEC</p> <p>In general, alcohol ethoxylates (AE) are readily absorbed through the skin of guinea pigs and rats and through the gastrointestinal mucosa of rats.</p> <p>For high boiling ethylene glycol ethers (typically triethylene- and tetraethylene glycol ethers):<br/> <b>Skin absorption:</b> Available skin absorption data for triethylene glycol ether (TGBE), triethylene glycol methyl ether (TGME), and triethylene glycol ethylene ether (TGEE) suggest that the rate of absorption in skin of these three glycol ethers is 22 to 34 micrograms/cm<sup>2</sup>/hr, with the methyl ether having the highest permeation constant and the butyl ether having the lowest.</p> |
| POTASSIUM TRIPOLYPHOSPHATE & CRESOL PHOSPHATE, POTASSIUM SALT, ETHOXYLATED & ALCOHOLS C12-14 SECONDARY ETHOXYLATED | No significant acute toxicological data identified in literature search.   |

|                                   |   |                          |   |
|-----------------------------------|---|--------------------------|---|
| Acute Toxicity                    | ✓ | Carcinogenicity          | ✗ |
| Skin Irritation/Corrosion         | ✓ | Reproductivity           | ✗ |
| Serious Eye Damage/Irritation     | ✓ | STOT - Single Exposure   | ✗ |
| Respiratory or Skin sensitisation | ✗ | STOT - Repeated Exposure | ✗ |
| Mutagenicity                      | ✗ | Aspiration Hazard        | ✗ |

**Legend:** ✗ – Data either not available or does not fill the criteria for classification  
✓ – Data available to make classification

## SECTION 12 ECOLOGICAL INFORMATION

## Toxicity

|   |               |                    |                               |               |               |
|---|---------------|--------------------|-------------------------------|---------------|---------------|
| RESENE ROOF AND METAL WASH                    | ENDPOINT      | TEST DURATION (HR) | SPECIES                       | VALUE         | SOURCE        |
|   | Not Available | Not Available      | Not Available                 | Not Available | Not Available |
| potassium tripolyphosphate                    | ENDPOINT      | TEST DURATION (HR) | SPECIES                       | VALUE         | SOURCE        |
|   | EC50          | 48                 | Crustacea                     | >100mg/L      | 2             |
|   | EC50          | 96                 | Algae or other aquatic plants | 69.2mg/L      | 2             |
| cresol phosphate, potassium salt, ethoxylated | ENDPOINT      | TEST DURATION (HR) | SPECIES                       | VALUE         | SOURCE        |
|   | Not Available | Not Available      | Not Available                 | Not Available | Not Available |

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| alcohols C12-14 secondary ethoxylated | ENDPOINT | TEST DURATION (HR) | SPECIES       | VALUE         | SOURCE        |
|---------------------------------------|----------|--------------------|---------------|---------------|---------------|
|                                       |          | Not Available      | Not Available | Not Available | Not Available |

**Legend:** Extracted from 1. IUCLID Toxicity Data 2. Europe ECHA Registered Substances - Ecotoxicological Information - Aquatic Toxicity 3. EPIWIN Suite V3.12 (QSAR) - Aquatic Toxicity Data (Estimated) 4. US EPA, Ecotox database - Aquatic Toxicity Data 5. ECETOC Aquatic Hazard Assessment Data 6. NITE (Japan) - Bioconcentration Data 7. METI (Japan) - Bioconcentration Data 8. Vendor Data

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Do NOT allow product to come in contact with surface waters or to intertidal areas below the mean high water mark.

for propylene glycol ethers:

**Environmental fate:**

Most are liquids at room temperature and all are water-soluble.

For glycol ethers:

**Environmental fate:**

Ether groups are generally stable to hydrolysis in water under neutral conditions and ambient temperatures.

The principal problems of phosphate contamination of the environment relates to eutrophication processes in lakes and ponds.

For hydrotropes:

Based on their physical chemical properties, hydrotropes are predicted to partition almost exclusively in the water compartment.

**DO NOT discharge into sewer or waterways.**

### Persistence and degradability

| Ingredient | Persistence: Water/Soil               | Persistence: Air                      |
|------------|---------------------------------------|---------------------------------------|
|            | No Data available for all ingredients | No Data available for all ingredients |

### Bioaccumulative potential

| Ingredient | Bioaccumulation                       |
|------------|---------------------------------------|
|            | No Data available for all ingredients |

### Mobility in soil

| Ingredient | Mobility                              |
|------------|---------------------------------------|
|            | No Data available for all ingredients |

## SECTION 13 DISPOSAL CONSIDERATIONS

### Waste treatment methods

|                              |   |
|------------------------------|---|
| Product / Packaging disposal | <p>Legislation addressing waste disposal requirements may differ by country, state and/ or territory.</p> <ul style="list-style-type: none"> <li>▶ <b>DO NOT allow wash water from cleaning or process equipment to enter drains.</b></li> <li>▶ Recycle wherever possible or consult manufacturer for recycling options.</li> </ul> <p>Consult manufacturer for recycling option.</p> <p>Resene Paintwise accepts residual unwanted paint and packaging. See Resene website for Paintwise information. Or contact a Local Authority for the disposal information. Do not discharge the substance into the environment.</p> |
|------------------------------|---|

Ensure that the hazardous substance is disposed in accordance with the Hazardous Substances (Disposal) Notice 2017

### Disposal Requirements

Packages that have been in direct contact with the hazardous substance must be only disposed if the hazardous substance was appropriately removed and cleaned out from the package.

In some areas, certain wastes must be tracked.

A hierarchy of controls seems to be common- the user should investigate:

Reduction, reuse, recycling, disposal (if all else fails). This material may be recycled if unused, or if it has not been contaminated to make it unsuitable for its intended use. If it has been contaminated, it may be possible to reclaim the product by filtration or some other means. Shelf life considerations should also be applied in making decisions of this type. Note that properties of a material may change in use, and recycling or reuse may not always be appropriate.



Do not allow wash water from cleaning or process equipment to enter drains. It may be necessary to collect all wash water for treatment before disposal. In all cases disposal to sewer may be subject to local laws and regulations and these should be considered first.

Dispose of by: burial in a landfill specifically licenced to accept chemical wastes or incineration in a licensed apparatus (after admixture with suitable combustible material).

Decontaminate empty containers. Observe all label safeguards until containers are cleaned and destroyed.

## SECTION 14 TRANSPORT INFORMATION

### Labels Required

|                  |   |
|------------------|---|
|                  |  |
| Marine Pollutant |  |
| HAZCHEM          | *3Z   |

## RESENE ROOF AND METAL WASH

## Land transport (UN)

|                              |  |
|------------------------------|--|
| UN number                    | 3082   |
| UN proper shipping name      | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains alcohols C12-14 secondary ethoxylated) |
| Transport hazard class(es)   | Class : 9<br>Subrisk : Not Applicable  |
| Packing group                | III  |
| Environmental hazard         | Environmentally hazardous  |
| Special precautions for user | Special provisions : 274; 331; 335; 375<br>Limited quantity : 5 L                                    |

## Air transport (ICAO-IATA / DGR)

|                              |  |
|------------------------------|--|
| UN number                    | 3082   |
| UN proper shipping name      | Environmentally hazardous substance, liquid, n.o.s. * (contains alcohols C12-14 secondary ethoxylated)   |
| Transport hazard class(es)   | ICAO/IATA Class : 9<br>ICAO / IATA Subrisk : Not Applicable<br>ERG Code : 9L   |
| Packing group                | III  |
| Environmental hazard         | Environmentally hazardous  |
| Special precautions for user | Special provisions : A97 A158 A197<br>Cargo Only Packing Instructions : 964<br>Cargo Only Maximum Qty / Pack : 450 L<br>Passenger and Cargo Packing Instructions : 964<br>Passenger and Cargo Maximum Qty / Pack : 450 L<br>Passenger and Cargo Limited Quantity Packing Instructions : Y964<br>Passenger and Cargo Limited Maximum Qty / Pack : 30 kg G |

## Sea transport (IMDG-Code / GGVSee)

|                              |  |
|------------------------------|--|
| UN number                    | 3082   |
| UN proper shipping name      | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains alcohols C12-14 secondary ethoxylated) |
| Transport hazard class(es)   | IMDG Class : 9<br>IMDG Subrisk : Not Applicable  |
| Packing group                | III  |
| Environmental hazard         | Marine Pollutant   |
| Special precautions for user | EMS Number : F-A , S-F<br>Special provisions : 274 335 969<br>Limited Quantities : 5 L               |

## Transport in bulk according to Annex II of MARPOL and the IBC code

Not Applicable

## SECTION 15 REGULATORY INFORMATION

## Safety, health and environmental regulations / legislation specific for the substance or mixture

This substance is to be managed using the conditions specified in an applicable Group Standard

| HSR Number | Group Standard  |
|------------|---|
| HSR002530  | Cleaning Products (Subsidiary Hazard) Group Standard 2017 |

## POTASSIUM TRIPOLYPHOSPHATE IS FOUND ON THE FOLLOWING REGULATORY LISTS

|   |   |
|---|---|
| New Zealand Approved Hazardous Substances with controls                                     | New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals - Classification Data |
| New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals | New Zealand Inventory of Chemicals (NZIoC)  |

## CRESOL PHOSPHATE, POTASSIUM SALT, ETHOXYLATED IS FOUND ON THE FOLLOWING REGULATORY LISTS

|  |
|--|
| New Zealand Inventory of Chemicals (NZIoC) |
|--|

## ALCOHOLS C12-14 SECONDARY ETHOXYLATED IS FOUND ON THE FOLLOWING REGULATORY LISTS

## RESENE ROOF AND METAL WASH

New Zealand Approved Hazardous Substances with controls  
New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals

New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals - Classification Data  
New Zealand Inventory of Chemicals (NZIoC)

**Hazardous Substance Location**

Subject to the Health and Safety at Work (Hazardous Substances) Regulations 2017.

| Hazard Class   | Quantity beyond which controls apply for closed containers | Quantity beyond which controls apply when use occurring in open containers |
|----------------|--|--|
| Not Applicable | Not Applicable   | Not Applicable   |

**Certified Handler**

Subject to Part 4 of the Health and Safety at Work (Hazardous Substances) Regulations 2017.

| Class of substance         | Quantities   |
|----------------------------|--------------|
| 9.1A, 9.2A, 9.3A, and 9.4A | Any quantity |

Refer Group Standards for further information

**Tracking Requirements**

Not Applicable

**National Inventory Status**

| National Inventory  | Status   |
|---------------------|--|
| Australia - AICS    | No (cresol phosphate, potassium salt, ethoxylated)   |
| New Zealand - NZIoC | Yes  |
| <b>Legend:</b>      | Yes = All CAS declared ingredients are on the inventory<br>No = One or more of the CAS listed ingredients are not on the inventory and are not exempt from listing(see specific ingredients in brackets) |

**SECTION 16 OTHER INFORMATION**

|                      |            |
|----------------------|------------|
| <b>Revision Date</b> | 29/04/2020 |
| <b>Initial Date</b>  | 07/01/2014 |

**SDS Version Summary**

| Version   | Issue Date | Sections Updated  |
|-----------|------------|---|
| 0.2.1.1.1 | 29/04/2020 | Disposal, Fire Fighter (fire/explosion hazard), Handling Procedure, Spills (major), Storage (storage requirement), Transport, Transport Information |

**Other information**

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment.

**Definitions and abbreviations**

PC—TWA: Permissible Concentration-Time Weighted Average  
PC—STEL: Permissible Concentration-Short Term Exposure Limit  
IARC: International Agency for Research on Cancer  
ACGIH: American Conference of Governmental Industrial Hygienists  
STEL: Short Term Exposure Limit  
TEEL: Temporary Emergency Exposure Limit.  
IDLH: Immediately Dangerous to Life or Health Concentrations  
OSF: Odour Safety Factor  
NOAEL :No Observed Adverse Effect Level  
LOAEL: Lowest Observed Adverse Effect Level  
TLV: Threshold Limit Value  
LOD: Limit Of Detection  
OTV: Odour Threshold Value  
BCF: BioConcentration Factors  
BEI: Biological Exposure Index

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