

RESENE WASH N SHINE

RESENE AUTOMOTIVE & LIGHT INDUSTRIAL

Version No: 2.6.7.10
Safety Data Sheet according to the Health and Safety at Work (Hazardous Substances) Regulations 2017

Issue Date: 01/09/2021
Print Date: 01/09/2021
L.GHS.NZL.EN

SECTION 1 Identification of the substance / mixture and of the company / undertaking

Product Identifier

| | |
|-------------------------------|---------------------|
| Product name | RESENE WASH N SHINE |
| Chemical Name | Not Applicable |
| Synonyms | Not Available |
| Other means of identification | Not Available |

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

| | |
|--------------------------|-------|
| Relevant identified uses | 10879 |
|--------------------------|-------|

Details of the supplier of the safety data sheet

| | |
|-------------------------|--|
| Registered company name | RESENE AUTOMOTIVE & LIGHT INDUSTRIAL |
| Address | 32-50 Vogel Street Naenae Wellington New Zealand |
| Telephone | +64 4 5770500 |
| 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 | +61 2 9186 1132 |
| Other emergency telephone numbers | 0800 737636 | +64 800 700 112 |


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] | Skin Corrosion/Irritation Category 2, Serious Eye Damage/Eye Irritation Category 2, Hazardous to the Aquatic Environment Long-Term Hazard 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 | 6.3A, 6.4A, 9.1C |

Label elements

| | |
|---------------------|---|
| Hazard pictogram(s) |  |
| Signal word | Warning |

Hazard statement(s)

| | |
|------|--|
| H315 | Causes skin irritation. |
| H319 | Causes serious eye irritation. |
| H412 | Harmful to aquatic life with long lasting effects. |

Precautionary statement(s) Prevention

| | |
|------|--|
| P273 | Avoid release to the environment. |
| P280 | Wear protective gloves, protective clothing, eye protection and face protection. |
| P264 | Wash all exposed external body areas thoroughly after handling. |

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Precautionary statement(s) Response

| | |
|-----------------------|--|
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P337+P313 | If eye irritation persists: Get medical advice/attention. |
| P302+P352 | IF ON SKIN: Wash with plenty of water. |
| P332+P313 | If skin irritation occurs: Get medical advice/attention. |
| P362+P364 | Take off contaminated clothing and wash it before reuse. |

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

Mixtures

| CAS No | %[weight] | Name |
|----------------|---|--|
| 6834-92-0 | 0.1-1 | <u>sodium metasilicate, anhydrous</u> |
| 61791-31-9 | <2 | <u>coconut diethanolamide</u> |
| 9016-45-9 | <2 | <u>nonylphenol, ethoxylated</u> |
| 84133-50-6 | 1-5 | <u>alcohols C12-14 secondary ethoxylated</u> |
| Legend: | 1. Classified by Chemwatch; 2. Classification drawn from CCID EPA NZ; 3. Classification drawn from Regulation (EU) No 1272/2008 - Annex VI; 4. Classification drawn from C&L; * EU IOELVs available | |

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

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5 Firefighting measures

Extinguishing media

- ▶ Water spray or fog.

Special hazards arising from the substrate or mixture

| | |
|-----------------------------|--|
| Fire Incompatibility | ▶ Avoid contamination with oxidising agents. |
|-----------------------------|--|

Advice for firefighters

| | |
|------------------------------|---|
| Fire Fighting | ▶ Alert Fire Brigade and tell them location and nature of hazard. |
| Fire/Explosion Hazard | ▶ Non combustible. |

SECTION 6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

See section 8

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Environmental precautions

See section 12

Methods and material for containment and cleaning up

| | |
|---------------------|---|
| Minor Spills | Environmental hazard. Contain spill with sawdust or sand then place in suitable container for disposal. Clean area with large quantity of water to complete clean-up. |
| Major Spills | Environmental hazard. 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**

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

Conditions for safe storage, including any incompatibilities

| | |
|--------------------------------|---|
| Suitable container | ▶ Packaging as recommended by manufacturer. |
| Storage incompatibility | ▶ Avoid reaction with oxidising agents |

SECTION 8 Exposure controls / personal protection**Control parameters****Occupational Exposure Limits (OEL)****INGREDIENT DATA**

Not Available

Emergency Limits

| Ingredient | TEEL-1 | TEEL-2 | TEEL-3 |
|--------------------------------|-----------------------|-----------------------|-------------------------|
| sodium metasilicate, anhydrous | 3.8 mg/m ³ | 42 mg/m ³ | 250 mg/m ³ |
| nonylphenol, ethoxylated | 4.5 mg/m ³ | 49 mg/m ³ | 300 mg/m ³ |
| nonylphenol, ethoxylated | 43 mg/m ³ | 470 mg/m ³ | 5,400 mg/m ³ |

| Ingredient | Original IDLH | Revised IDLH |
|---------------------------------------|---------------|---------------|
| sodium metasilicate, anhydrous | Not Available | Not Available |
| coconut diethanolamide | Not Available | Not Available |
| nonylphenol, 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 |
|---------------------------------------|-----------------------------------|----------------------------------|
| sodium metasilicate, anhydrous | E | ≤ 0.01 mg/m ³ |
| coconut diethanolamide | E | ≤ 0.1 ppm |
| nonylphenol, ethoxylated | E | ≤ 0.1 ppm |
| alcohols C12-14 secondary ethoxylated | E | ≤ 0.1 ppm |

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.

MATERIAL DATA

Sensory irritants are chemicals that produce temporary and undesirable side-effects on the eyes, nose or throat.

Exposure controls

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

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| | |
|--------------------------------|--|
| Eye and face protection | ▶ Safety glasses with side shields. |
| Skin protection | See Hand protection below |
| Hands/feet protection | ▶ Wear chemical protective gloves, e.g. PVC. |
| Body protection | See Other protection below |
| Other protection | ▶ Overalls. |

Respiratory protection

No special measures required.

SECTION 9 Physical and chemical properties**Information on basic physical and chemical properties**

| | | | |
|---|----------------|--|---------------|
| Appearance | Clear solution | | |
| Physical state | Liquid | Relative density (Water = 1) | 1.02 |
| Odour | Not Available | Partition coefficient n-octanol / water | Not Available |
| Odour threshold | Not Available | Auto-ignition temperature (°C) | Not Available |
| pH (as supplied) | 7-9 | Decomposition temperature | Not Available |
| Melting point / freezing point (°C) | Not Available | Viscosity (cSt) | Not Available |
| Initial boiling point and boiling range (°C) | 100 | Molecular weight (g/mol) | Not Available |
| Flash point (°C) | Not Available | Taste | Not Available |
| Evaporation rate | Not Available | Explosive properties | Not Available |
| Flammability | Not Available | Oxidising properties | Not Available |
| Upper Explosive Limit (%) | Not Available | Surface Tension (dyn/cm or mN/m) | Not Available |
| Lower Explosive Limit (%) | Not Available | Volatile Component (%vol) | 85 |
| Vapour pressure (kPa) | Not Available | Gas group | Not Available |
| Solubility in water | Miscible | pH as a solution (%) | Not Available |
| Vapour density (Air = 1) | Not Available | VOC g/L | 0 |

SECTION 10 Stability and reactivity

| | |
|---|---|
| Reactivity | See section 7 |
| Chemical stability | Product is considered stable and hazardous polymerisation will not occur. |
| Possibility of hazardous reactions | See section 7 |
| Conditions to avoid | See section 7 |
| Incompatible materials | See section 7 |
| Hazardous decomposition products | See section 5 |

SECTION 11 Toxicological information**Information on toxicological effects**

| | |
|---------------------|---|
| Inhaled | The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models). |
| Ingestion | The material has NOT been classified by EC Directives or other classification systems as 'harmful by ingestion'. |
| Skin Contact | Skin contact is not thought to have harmful health effects (as classified under EC Directives); the material may still produce health damage following entry through wounds, lesions or abrasions. Open cuts, abraded or irritated skin should not be exposed to this material Entry into the blood-stream through, for example, cuts, abrasions, puncture wounds or lesions, may produce systemic injury with harmful effects. |

Continued...

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| Eye | 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. | | | | | | | | | | | | | |
|---|--|----------|------------|---|---------------------------------|---|--|--|-----------------------------|--|----------------------------|--|---|--|
| | Some nonionic surfactants may produce a localised anaesthetic effect on the cornea; this may effectively eliminate the warning discomfort produced by other substances and lead to corneal injury. | | | | | | | | | | | | | |
| Chronic | None known | | | | | | | | | | | | | |
| RESENE WASH N SHINE | <table border="1"> <thead> <tr> <th>TOXICITY</th> <th>IRRITATION</th> </tr> </thead> <tbody> <tr> <td>Not Available</td> <td>Not Available</td> </tr> </tbody> </table> | TOXICITY | IRRITATION | Not Available | Not Available | | | | | | | | | |
| TOXICITY | IRRITATION | | | | | | | | | | | | | |
| Not Available | Not Available | | | | | | | | | | | | | |
| sodium metasilicate, anhydrous | <table border="1"> <thead> <tr> <th>TOXICITY</th> <th>IRRITATION</th> </tr> </thead> <tbody> <tr> <td>dermal (rat) LD50: >5000 mg/kg^[1]</td> <td>Skin (human): 250 mg/24h SEVERE</td> </tr> <tr> <td>Inhalation(Rat) LC50; >2.06 mg/l4h^[1]</td> <td>Skin (rabbit): 250 mg/24h SEVERE</td> </tr> <tr> <td>Oral(Rat) LD50; 600 mg/kg^[2]</td> <td></td> </tr> </tbody> </table> | TOXICITY | IRRITATION | dermal (rat) LD50: >5000 mg/kg ^[1] | Skin (human): 250 mg/24h SEVERE | Inhalation(Rat) LC50; >2.06 mg/l4h ^[1] | Skin (rabbit): 250 mg/24h SEVERE | Oral(Rat) LD50; 600 mg/kg ^[2] | | | | | | |
| TOXICITY | IRRITATION | | | | | | | | | | | | | |
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| Inhalation(Rat) LC50; >2.06 mg/l4h ^[1] | Skin (rabbit): 250 mg/24h SEVERE | | | | | | | | | | | | | |
| Oral(Rat) LD50; 600 mg/kg ^[2] | | | | | | | | | | | | | | |
| coconut diethanolamide | <table border="1"> <thead> <tr> <th>TOXICITY</th> <th>IRRITATION</th> </tr> </thead> <tbody> <tr> <td>Inhalation(Rat) LC50; 44 ppm4h^[2]</td> <td>Not Available</td> </tr> <tr> <td>Oral(Rat) LD50; 2700 mg/kg^[2]</td> <td></td> </tr> </tbody> </table> | TOXICITY | IRRITATION | Inhalation(Rat) LC50; 44 ppm4h ^[2] | Not Available | Oral(Rat) LD50; 2700 mg/kg ^[2] | | | | | | | | |
| TOXICITY | IRRITATION | | | | | | | | | | | | | |
| Inhalation(Rat) LC50; 44 ppm4h ^[2] | Not Available | | | | | | | | | | | | | |
| Oral(Rat) LD50; 2700 mg/kg ^[2] | | | | | | | | | | | | | | |
| nonylphenol, ethoxylated | <table border="1"> <thead> <tr> <th>TOXICITY</th> <th>IRRITATION</th> </tr> </thead> <tbody> <tr> <td>Dermal (rabbit) LD50: 1851.2 mg/kg^[2]</td> <td>Eye (rabbit): 5 mg SEVERE</td> </tr> <tr> <td>Oral(Rat) LD50; 1310 mg/kg^[2]</td> <td>Eye: adverse effect observed (irritating)^[1]</td> </tr> <tr> <td></td> <td>Skin (human): 15 mg/3D mild</td> </tr> <tr> <td></td> <td>Skin (rabbit): 500 mg mild</td> </tr> <tr> <td></td> <td>Skin: adverse effect observed (irritating)^[1]</td> </tr> </tbody> </table> | TOXICITY | IRRITATION | Dermal (rabbit) LD50: 1851.2 mg/kg ^[2] | Eye (rabbit): 5 mg SEVERE | Oral(Rat) LD50; 1310 mg/kg ^[2] | Eye: adverse effect observed (irritating) ^[1] | | Skin (human): 15 mg/3D mild | | Skin (rabbit): 500 mg mild | | Skin: adverse effect observed (irritating) ^[1] | |
| TOXICITY | IRRITATION | | | | | | | | | | | | | |
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| Oral(Rat) LD50; 1310 mg/kg ^[2] | Eye: adverse effect observed (irritating) ^[1] | | | | | | | | | | | | | |
| | Skin (human): 15 mg/3D mild | | | | | | | | | | | | | |
| | Skin (rabbit): 500 mg mild | | | | | | | | | | | | | |
| | Skin: adverse effect observed (irritating) ^[1] | | | | | | | | | | | | | |
| alcohols C12-14 secondary ethoxylated | <table border="1"> <thead> <tr> <th>TOXICITY</th> <th>IRRITATION</th> </tr> </thead> <tbody> <tr> <td>Not Available</td> <td>Not Available</td> </tr> </tbody> </table> | TOXICITY | IRRITATION | Not Available | Not Available | | | | | | | | | |
| TOXICITY | IRRITATION | | | | | | | | | | | | | |
| Not Available | Not Available | | | | | | | | | | | | | |
| Legend: | 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 | | | | | | | | | | | | | |

| | |
|--|---|
| RESENE WASH N SHINE | Exposure to the material may result in a possible risk of irreversible effects. |
| (C10-13)-SEC-ALKYLBENZENESULFONIC ACID, TRIETHANOLAMINE SALT | * for similar product For triethanolamine (and its salts): Acute toxicity: Triethanolamine is of low toxicity by the oral, dermal and inhalation routes of exposure. |
| SODIUM METASILICATE, ANHYDROUS | The material may produce severe skin irritation after prolonged or repeated exposure, and may produce a contact dermatitis (nonallergic). |
| COCONUT DIETHANOLAMIDE | *Ethoquad C/12 SDS In a study of dermal application in mice, coconut oil diethanolamine condensate (coconut diethanolamide) increased the incidence of hepatocellular carcinoma and hepatocellular adenoma in males and females, and of hepatoblastoma in males. Fatty acid amides (FAA) are ubiquitous in household and commercial environments. For Fatty Nitrogen Derived (FND) Amides (including several high molecular weight alkyl amino acid amides) The chemicals in the Fatty Nitrogen Derived (FND) Amides of surfactants are similar to the class in general as to physical/chemical properties, environmental fate and toxicity. for diethanolamine (DEA): In animal studies, DEA has low acute toxicity via the oral and dermal routes with moderate skin irritation and severe eye irritation. WARNING: This substance has been classified by the IARC as Group 2B: Possibly Carcinogenic to Humans. The material may produce moderate eye irritation leading to inflammation. |
| NONYLPHENOL, ETHOXYLATED | For nonylphenol and its compounds: Alkylphenols like nonylphenol and bisphenol A have estrogenic effects in the body. for nonylphenol: Nonylphenol was studied for oral toxicity in rats in a 28-day repeat dose toxicity test at doses of 0, 4, 15, 60 and 250 mg/kg/day. The material may cause skin irritation after prolonged or repeated exposure and may produce a contact dermatitis (nonallergic). |
| RESENE WASH N SHINE & (C10-13)-SEC-ALKYLBENZENESULFONIC ACID, TRIETHANOLAMINE SALT | Linear alkylbenzene sulfonates (LAS) are classified as Irritant (Xi) with the risk phrases R38 (Irritating to skin) and R41 (Risk of serious damage to eyes) according to CESIO (CESIO 2000). |
| (C10-13)-SEC-ALKYLBENZENESULFONIC ACID, TRIETHANOLAMINE SALT & COCONUT DIETHANOLAMIDE & ALCOHOLS C12-14 SECONDARY ETHOXYLATED | No significant acute toxicological data identified in literature search. |

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| | |
|---|--|
| SODIUM METASILICATE, ANHYDROUS & COCONUT DIETHANOLAMIDE | Asthma-like symptoms may continue for months or even years after exposure to the material ceases. |
| COCONUT DIETHANOLAMIDE & NONYLPHENOL, ETHOXYLATED | The material may produce severe irritation to the eye causing pronounced inflammation. |
| NONYLPHENOL, ETHOXYLATED & 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: EO < 5 gives Irritant (Xi) with R38 (Irritating to skin) and R41 (Risk of serious damage to eyes) EO > 5-15 gives Harmful (Xn) with R22 (Harmful if swallowed) - R38/41 EO > 15-20 gives Harmful (Xn) with R22-41 >20 EO is not classified (CESIO 2000) Oxo-AE, C13 EO10 and C13 EO15, are Irritating (Xi) with R36/38 (Irritating to eyes and skin) . 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): Skin absorption: 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/cm²/hr, with the methyl ether having the highest permeation constant and the butyl ether having the lowest.</p> |

| | | | |
|-----------------------------------|---|--------------------------|---|
| 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 WASH N SHINE | Endpoint | Test Duration (hr) | Species | Value | Source |
|---------------------|----------|--------------------|---------------|---------------|---------------|
| | | Not Available | Not Available | Not Available | Not Available |

| sodium metasilicate, anhydrous | Endpoint | Test Duration (hr) | Species | Value | Source |
|--------------------------------|-----------|--------------------|-------------------------------|-----------------|--------|
| | EC50(ECx) | 48h | Crustacea | 22.94-49.01mg/l | 4 |
| | EC50 | 72h | Algae or other aquatic plants | 207mg/l | 2 |
| | LC50 | 96h | Fish | 180mg/l | 1 |
| | EC50 | 48h | Crustacea | 22.94-49.01mg/l | 4 |

| coconut diethanolamide | Endpoint | Test Duration (hr) | Species | Value | Source |
|------------------------|-----------|-------------------------------|-------------------------------|----------|--------|
| | NOEC(ECx) | 504h | Crustacea | 0.07mg/l | 1 |
| | EC50 | 72h | Algae or other aquatic plants | 2.2mg/l | 1 |
| | LC50 | 96h | Fish | 2.52mg/l | 1 |
| | EC50 | 48h | Crustacea | 2.25mg/l | 1 |
| EC50 | 96h | Algae or other aquatic plants | 2.2mg/l | 1 | |

| nonylphenol, ethoxylated | Endpoint | Test Duration (hr) | Species | Value | Source |
|--------------------------|-----------|--------------------|-------------------------------|---------------|--------|
| | BCF | 1008h | Fish | <0.2 | 7 |
| | EC50(ECx) | 120h | Crustacea | 0.08-0.29mg/l | 4 |
| | EC50 | 96h | Algae or other aquatic plants | 12mg/l | 4 |
| EC50 | 48h | Crustacea | 13-16mg/l | 4 | |

| 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

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Toxic to aquatic organisms.

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

DO NOT discharge into sewer or waterways.

Persistence and degradability

| Ingredient | Persistence: Water/Soil | Persistence: Air |
|--------------------------|-------------------------|------------------|
| nonylphenol, ethoxylated | LOW | LOW |

Bioaccumulative potential

| Ingredient | Bioaccumulation |
|--------------------------|-----------------|
| nonylphenol, ethoxylated | LOW (BCF = 16) |

Mobility in soil

| Ingredient | Mobility |
|--------------------------|-----------------|
| nonylphenol, ethoxylated | LOW (KOC = 940) |

SECTION 13 Disposal considerations**Waste treatment methods**

| | |
|-------------------------------------|--|
| Product / Packaging disposal | <ul style="list-style-type: none"> ▶ Containers may still present a chemical hazard/ danger when empty. Legislation addressing waste disposal requirements may differ by country, state and/ or territory. ▶ DO NOT allow wash water from cleaning or process equipment to enter drains. ▶ Recycle wherever possible or consult manufacturer for recycling options. <p>Consult manufacturer for recycling option. 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> |
|-------------------------------------|--|

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.

Do not allow product or wash water from cleaning or process equipment to enter drains or watercourses. It may be necessary to collect all wash water for treatment before disposal.

The generation of waste should be avoided or minimised wherever possible.

Disposal of this product should comply with Hazard Substances (Disposal) Notice 2017 (EPA Consolidation 30 April 2021).

For treating and discharging processes contact your local authority.

SECTION 14 Transport information**Labels Required**

| | |
|-------------------------|----------------|
| Marine Pollutant | NO |
| HAZCHEM | Not Applicable |

Land transport (UN): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

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

Not Applicable

Transport in bulk in accordance with MARPOL Annex V and the IMSBC Code

| Product name | Group |
|--|---------------|
| (C10-13)-sec-alkylbenzenesulfonic acid, triethanolamine salt | Not Available |
| sodium metasilicate, anhydrous | Not Available |
| coconut diethanolamide | Not Available |
| nonylphenol, ethoxylated | Not Available |
| alcohols C12-14 secondary ethoxylated | Not Available |

Transport in bulk in accordance with the ICG Code

| Product name | Ship Type |
|--|---------------|
| (C10-13)-sec-alkylbenzenesulfonic acid, triethanolamine salt | Not Available |
| sodium metasilicate, anhydrous | Not Available |
| coconut diethanolamide | Not Available |

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| Product name | Ship Type |
|---------------------------------------|---------------|
| nonylphenol, ethoxylated | Not Available |
| alcohols C12-14 secondary ethoxylated | Not Available |

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 2020 |

Please refer to Section 8 of the SDS for any applicable tolerable exposure limit or Section 12 for environmental exposure limit.

(C10-13)-sec-alkylbenzenesulfonic acid, triethanolamine salt is found on the following regulatory lists

Not Applicable

sodium metasilicate, anhydrous 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

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

coconut diethanolamide is found on the following regulatory lists

Chemical Footprint Project - Chemicals of High Concern List
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs - Group 2B: Possibly carcinogenic to humans
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)

nonylphenol, ethoxylated is found on the following regulatory lists

Chemical Footprint Project - Chemicals of High Concern List
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)

alcohols C12-14 secondary ethoxylated 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

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 | Quantities |
|----------------|----------------|
| 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 |
|--------------------|----------------|
| Not Applicable | Not Applicable |

Refer Group Standards for further information

Maximum quantities of certain hazardous substances permitted on passenger service vehicles

Subject to Regulation 13.14 of the Health and Safety at Work (Hazardous Substances) Regulations 2017.

| Hazard Class | Gas (aggregate water capacity in mL) | Liquid (L) | Solid (kg) | Maximum quantity per package for each classification |
|----------------|--------------------------------------|----------------|----------------|--|
| Not Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable |

Tracking Requirements

Not Applicable

National Inventory Status

| National Inventory | Status |
|--|---|
| Australia - AIIIC / Australia Non-Industrial Use | Yes |
| New Zealand - NZIoC | Yes |
| Legend: | Yes = All CAS declared ingredients are on the inventory No = One or more of the CAS listed ingredients are not on the inventory. These ingredients may be exempt or will require registration. |

SECTION 16 Other information

RESENE WASH N SHINE

| | |
|----------------------|------------|
| Revision Date | 01/09/2021 |
| Initial Date | 06/11/2018 |

SDS Version Summary

| Version | Date of Update | Sections Updated |
|----------|----------------|------------------|
| 1.6.7.10 | 01/09/2021 | Classification |

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
 ES: Exposure Standard
 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
 AIIC: Australian Inventory of Industrial Chemicals
 DSL: Domestic Substances List
 NDSL: Non-Domestic Substances List
 IECSC: Inventory of Existing Chemical Substance in China
 EINECS: European INventory of Existing Commercial chemical Substances
 ELINCS: European List of Notified Chemical Substances
 NLP: No-Longer Polymers
 ENCS: Existing and New Chemical Substances Inventory
 KECI: Korea Existing Chemicals Inventory
 NZIoC: New Zealand Inventory of Chemicals
 PICCS: Philippine Inventory of Chemicals and Chemical Substances
 TSCA: Toxic Substances Control Act
 TCSI: Taiwan Chemical Substance Inventory
 INSQ: Inventario Nacional de Sustancias Químicas
 NCI: National Chemical Inventory
 FBEPH: Russian Register of Potentially Hazardous Chemical and Biological Substances

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