

# RESENE THINNER No. 2

Resene Paints Ltd

Version No: 1.1  
Safety Data Sheet according to HSNO Regulations

Chemwatch Hazard Alert Code: 2

Issue Date: 08/04/2016  
Print Date: 08/04/2016  
Initial Date: 16/09/2014  
L.GHS.NZL.EN

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

### Product Identifier

|                               |  |
|-------------------------------|--|
| Product name                  | RESENE THINNER No. 2   |
| Synonyms                      | 9057   |
| Proper shipping name          | PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound) |
| Other means of identification | Not Available  |

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

|                          |   |
|--------------------------|---|
| Relevant identified uses | Use according to manufacturer's directions. |
|--------------------------|---|

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

|                         |   |
|-------------------------|---|
| Registered company name | Resene Paints Ltd                                     |
| Address                 | 32-50 Vogel Street Wellington Naenae 5011 New Zealand |
| Telephone               | +64 4 577 0500  |
| Fax                     | +64 4 577 3327  |
| Website                 | www.resene.co.nz                                      |
| Email                   | advice@resene.co.nz                                   |

### Emergency telephone number

|                                   |                          |
|-----------------------------------|--------------------------|
| Association / Organisation        | NZ POISONS (24hr 7 days) |
| Emergency telephone numbers       | 0800 764 766             |
| Other emergency telephone numbers | Not Available            |

### CHEMWATCH EMERGENCY RESPONSE

| Primary Number | Alternative Number 1 | Alternative Number 2 |
|----------------|----------------------|----------------------|
| +800 2436 2255 | +612 9186 1132       | Not Available        |

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

**Considered a Hazardous Substance according to the criteria of the New Zealand Hazardous Substances New Organisms legislation. Classified as Dangerous Goods for transport purposes.**

|   |  |
|---|--|
| Classification [1]                              | Aspiration Hazard Category 1, Skin Corrosion/Irritation Category 2, Eye Irritation Category 2A, Specific target organ toxicity - repeated exposure Category 2, Acute Aquatic Hazard Category 3, Chronic Aquatic Hazard Category 3, Flammable Liquid Category 3 |
| Legend:   | 1. Classified by Chemwatch; 2. Classification drawn from CCID EPA NZ; 3. Classification drawn from EC Directive 1272/2008 - Annex VI   |
| Determined by Chemwatch using GHS/HSNO criteria | 9.1C, 6.1E (aspiration), 6.4A, 6.9B, 6.3A, 9.1D, 3.1C  |

### Label elements

|                    |   |
|--------------------|---|
| GHS label elements |  |
| SIGNAL WORD        | <b>DANGER</b>   |

### Hazard statement(s)

Continued...

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|      |  |
|------|--|
| H304 | May be fatal if swallowed and enters airways.      |
| H315 | Causes skin irritation.                            |
| H319 | Causes serious eye irritation.                     |
| H373 | May cause damage to organs.                        |
| H412 | Harmful to aquatic life with long lasting effects. |
| H226 | Flammable liquid and vapour.                       |

## Precautionary statement(s) Prevention

|      |  |
|------|--|
| P210 | Keep away from heat/sparks/open flames/hot surfaces. - No smoking. |
|------|--|

## Precautionary statement(s) Response

|           |   |
|-----------|---|
| P301+P310 | IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. |
|-----------|---|

## Precautionary statement(s) Storage

|           |  |
|-----------|--|
| P403+P235 | Store in a well-ventilated place. Keep cool. |
|-----------|--|

## Precautionary statement(s) Disposal

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

## SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

## Substances

See section below for composition of Mixtures

## Mixtures

| CAS No     | %[weight] | Name  |
|------------|-----------|---|
| 64742-48-9 | >90       | <u>naphtha petroleum, heavy, hydrotreated</u> |

## SECTION 4 FIRST AID MEASURES

NZ Poisons Centre 0800 POISON (0800 764 766) | NZ Emergency Services: 111

## Description of first aid measures

|                     |  |
|---------------------|--|
| <b>Eye Contact</b>  | <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 without delay; if pain persists or recurs seek medical attention.</li> <li>▶ Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.</li> </ul>  |
| <b>Skin Contact</b> | <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>  |
| <b>Inhalation</b>   | <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>  |
| <b>Ingestion</b>    | <ul style="list-style-type: none"> <li>▶ If spontaneous vomiting appears imminent or occurs, hold patient's head down, lower than their hips to help avoid possible aspiration of vomitus.</li> <li>▶ <b>If swallowed do NOT induce vomiting.</b></li> <li>▶ If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.</li> <li>▶ Observe the patient carefully.</li> <li>▶ Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.</li> <li>▶ Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink.</li> <li>▶ Seek medical advice.</li> <li>▶ Avoid giving milk or oils.</li> <li>▶ Avoid giving alcohol.</li> </ul> |

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

For acute or short term repeated exposures to petroleum distillates or related hydrocarbons:

- ▶ Primary threat to life, from pure petroleum distillate ingestion and/or inhalation, is respiratory failure.
- ▶ Patients should be quickly evaluated for signs of respiratory distress (e.g. cyanosis, tachypnoea, intercostal retraction, obtundation) and given oxygen. Patients with inadequate tidal volumes or poor arterial blood gases (pO<sub>2</sub> 50 mm Hg) should be intubated.
- ▶ Arrhythmias complicate some hydrocarbon ingestion and/or inhalation and electrocardiographic evidence of myocardial injury has been reported; intravenous lines and cardiac monitors should be established in obviously symptomatic patients. The lungs excrete inhaled solvents, so that hyperventilation improves clearance.
- ▶ A chest x-ray should be taken immediately after stabilisation of breathing and circulation to document aspiration and detect the presence of pneumothorax.
- ▶ Epinephrine (adrenalin) is not recommended for treatment of bronchospasm because of potential myocardial sensitisation to catecholamines. Inhaled cardioselective bronchodilators (e.g. Alupent, Salbutamol) are the preferred agents, with aminophylline a second choice.
- ▶ Lavage is indicated in patients who require decontamination; ensure use of cuffed endotracheal tube in adult patients. [Ellenhorn and Barceloux: Medical Toxicology]

## SECTION 5 FIREFIGHTING MEASURES

## Extinguishing media

- ▶ Foam.

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### Special hazards arising from the substrate or mixture

|                             |  |
|-----------------------------|--|
| <b>Fire Incompatibility</b> | <ul style="list-style-type: none"> <li>▶ Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result</li> </ul> |
|-----------------------------|--|

### Advice for firefighters

|                              |  |
|------------------------------|--|
| <b>Fire Fighting</b>         | <ul style="list-style-type: none"> <li>▶ Alert Fire Brigade and tell them location and nature of hazard.</li> </ul>  |
| <b>Fire/Explosion Hazard</b> | <ul style="list-style-type: none"> <li>▶ Liquid and vapour are flammable.</li> <li>▶ Combustion products include; carbon monoxide (CO) carbon dioxide (CO<sub>2</sub>) other pyrolysis products typical of burning organic material</li> </ul> |

## SECTION 6 ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

|                     |   |
|---------------------|---|
| <b>Minor Spills</b> | <ul style="list-style-type: none"> <li>▶ Remove all ignition sources.</li> </ul>  |
| <b>Major Spills</b> | Chemical Class: aliphatic hydrocarbons<br>For release onto land: recommended sorbents listed in order of priority. <ul style="list-style-type: none"> <li>▶ Clear area of personnel and move upwind.</li> </ul> |

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>▶ Containers, even those that have been emptied, may contain explosive vapours.</li> <li>▶ Electrostatic discharge may be generated during pumping - this may result in fire.</li> <li>▶ Avoid all personal contact, including inhalation.</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 in approved flammable liquid storage area.</li> </ul>   |

### Conditions for safe storage, including any incompatibilities

|                                |  |
|--------------------------------|--|
| <b>Suitable container</b>      | <ul style="list-style-type: none"> <li>▶ Packing as supplied by manufacturer.</li> <li>▶ For low viscosity materials (!) : Drums and jerry cans must be of the non-removable head type.</li> </ul> |
| <b>Storage incompatibility</b> | <ul style="list-style-type: none"> <li>▶ Avoid reaction with oxidising agents</li> </ul>   |

## SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameters

#### OCCUPATIONAL EXPOSURE LIMITS (OEL)

#### INGREDIENT DATA

| Source   | Ingredient                             | Material name     | TWA                 | STEL                 | Peak          | Notes   |
|--|--|-------------------|---------------------|----------------------|---------------|---|
| New Zealand Workplace Exposure Standards (WES) | naphtha petroleum, heavy, hydrotreated | Oil mist, mineral | 5 mg/m <sup>3</sup> | 10 mg/m <sup>3</sup> | Not Available | Sampled by a method that does not collect vapour. |

#### EMERGENCY LIMITS


| Ingredient                             | Material name                                 | TEEL-1  | TEEL-2  | TEEL-3  |
|--|---|---------|---------|---------|
| naphtha petroleum, heavy, hydrotreated | Naphtha, hydrotreated heavy; (Isopar L-rev 2) | 171 ppm | 171 ppm | 570 ppm |

| Ingredient                             | Original IDLH | Revised IDLH  |
|--|---------------|---------------|
| naphtha petroleum, heavy, hydrotreated | Not Available | Not Available |

#### MATERIAL DATA

Sensory irritants are chemicals that produce temporary and undesirable side-effects on the eyes, nose or throat.  
 Odour threshold: 0.25 ppm.

### 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>              |    |
| <b>Eye and face protection</b>          | <ul style="list-style-type: none"> <li>▶ Safety glasses with side shields.</li> </ul>   |
| <b>Skin protection</b>                  | See Hand protection below   |
| <b>Hands/feet protection</b>            | <ul style="list-style-type: none"> <li>▶ Wear chemical protective gloves, e.g. PVC.</li> <li>▶ 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.</li> </ul> |
| <b>Body protection</b>                  | See Other protection below  |

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|                         |  |
|-------------------------|--|
| <b>Other protection</b> | <ul style="list-style-type: none"> <li>▶ Overalls.</li> <li>Some plastic personal protective equipment (PPE) (e.g. gloves, aprons, overshoes) are not recommended as they may produce static electricity.</li> </ul> |
| <b>Thermal hazards</b>  | Not Available  |

### Respiratory protection

Type A Filter of sufficient capacity.

Where the concentration of gas/particulates in the breathing zone, approaches or exceeds the "Exposure Standard" (or ES), respiratory protection is required. Degree of protection varies with both face-piece and Class of filter; the nature of protection varies with Type of filter.

| Required Minimum Protection Factor | Half-Face Respirator | Full-Face Respirator | Powered Air Respirator |
|------------------------------------|----------------------|----------------------|------------------------|
| up to 10 x ES                      | A-AUS                | -                    | A-PAPR-AUS / Class 1   |
| up to 50 x ES                      | -                    | A-AUS / Class 1      | -                      |
| up to 100 x ES                     | -                    | A-2                  | A-PAPR-2 ^             |

^ - Full-face

A(All classes) = Organic vapours, B AUS or B1 = Acid gasses, B2 = Acid gas or hydrogen cyanide(HCN), B3 = Acid gas or hydrogen cyanide(HCN), E = Sulfur dioxide(SO<sub>2</sub>), G = Agricultural chemicals, K = Ammonia(NH<sub>3</sub>), Hg = Mercury, NO = Oxides of nitrogen, MB = Methyl bromide, AX = Low boiling point organic compounds(below 65 degC)

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

|   |                          |  |               |
|---|--------------------------|--|---------------|
| <b>Appearance</b>                                   | Clear, colourless liquid |  |               |
| <b>Physical state</b>                               | Liquid                   | <b>Relative density (Water = 1)</b>            | 0.77          |
| <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>          | >200          |
| <b>pH (as supplied)</b>                             | Not Available            | <b>Decomposition temperature</b>               | Not Available |
| <b>Melting point / freezing point (°C)</b>          | Not Available            | <b>Viscosity (cSt)</b>                         | 1.23          |
| <b>Initial boiling point and boiling range (°C)</b> | 147-199                  | <b>Molecular weight (g/mol)</b>                | Not Available |
| <b>Flash point (°C)</b>                             | 40                       | <b>Taste</b>                                   | Not Available |
| <b>Evaporation rate</b>                             | Not Available            | <b>Explosive properties</b>                    | Not Available |
| <b>Flammability</b>                                 | Flammable.               | <b>Oxidising properties</b>                    | Not Available |
| <b>Upper Explosive Limit (%)</b>                    | 7.0                      | <b>Surface Tension (dyn/cm or mN/m)</b>        | Not Available |
| <b>Lower Explosive Limit (%)</b>                    | 0.6                      | <b>Volatile Component (%vol)</b>               | 100           |
| <b>Vapour pressure (kPa)</b>                        | 0.21                     | <b>Gas group</b>                               | Not Available |
| <b>Solubility in water (g/L)</b>                    | Immiscible               | <b>pH as a solution (1%)</b>                   | Not Available |
| <b>Vapour density (Air = 1)</b>                     | >1                       | <b>VOC g/L</b>                                 | 770           |

## SECTION 10 STABILITY AND REACTIVITY

|   |   |
|---|---|
| <b>Reactivity</b>                         | See section 7   |
| <b>Chemical stability</b>                 | <ul style="list-style-type: none"> <li>▶ Unstable in the presence of incompatible materials.</li> </ul> |
| <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>   | <p>The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models). Acute effects from inhalation of high concentrations of vapour are pulmonary irritation, including coughing, with nausea; central nervous system depression - characterised by headache and dizziness, increased reaction time, fatigue and loss of co-ordination</p> <p>Central nervous system (CNS) depression may include nonspecific discomfort, symptoms of giddiness, headache, dizziness, nausea, anaesthetic effects, slowed reaction time, slurred speech and may progress to unconsciousness.</p> |
| <b>Ingestion</b> | <p>Swallowing of the liquid may cause aspiration of vomit into the lungs with the risk of haemorrhaging, pulmonary oedema, progressing to chemical pneumonitis; serious consequences may result.</p> <p>The material has <b>NOT</b> been classified by EC Directives or other classification systems as "harmful by ingestion".</p>   |

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|                     |  |
|---------------------|--|
| <b>Skin Contact</b> | <p>Evidence exists, or practical experience predicts, that the material either produces inflammation of the skin in a substantial number of individuals following direct contact, and/or produces significant inflammation when applied to the healthy intact skin of animals, for up to four hours, such inflammation being present twenty-four hours or more after the end of the exposure period.</p> <p>The material may accentuate any pre-existing dermatitis condition</p> <p>The liquid may be miscible with fats or oils and may degrease the skin, producing a skin reaction described as non-allergic contact dermatitis. Open cuts, abraded or irritated skin should not be exposed to this material</p> <p>Entry into the blood-stream through, for example, cuts, abrasions, puncture wounds or lesions, may produce systemic injury with harmful effects.</p>   |
| <b>Eye</b>          | <p>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.</p>  |
| <b>Chronic</b>      | <p>Repeated or long-term occupational exposure is likely to produce cumulative health effects involving organs or biochemical systems.</p> <p>Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed.</p> <p>Serious damage (clear functional disturbance or morphological change which may have toxicological significance) is likely to be caused by repeated or prolonged exposure.</p> <p>Repeated application of mildly hydrotreated oils (principally paraffinic), to mouse skin, induced skin tumours; no tumours were induced with severely hydrotreated oils.</p> <p>Steam-cracked residues produced an increased incidence of skin tumours after repeated applications to the skin of mice.</p> <p>Prolonged or repeated skin contact may cause drying with cracking, irritation and possible dermatitis following.</p> <p>Chronic solvent inhalation exposures may result in nervous system impairment and liver and blood changes.</p> <p>Repeated or prolonged exposure to mixed hydrocarbons may produce narcosis with dizziness, weakness, irritability, concentration and/or memory loss, tremor in the fingers and tongue, vertigo, olfactory disorders, constriction of visual field, paraesthesias of the extremities, weight loss and anaemia and degenerative changes in the liver and kidney.</p> |

|                             |                 |                   |
|-----------------------------|-----------------|-------------------|
| <b>RESENE THINNER No. 2</b> | <b>TOXICITY</b> | <b>IRRITATION</b> |
|                             | Not Available   | Not Available     |

|   |  |                   |
|---|--|-------------------|
| <b>naphtha petroleum, heavy, hydrotreated</b> | <b>TOXICITY</b>                                  | <b>IRRITATION</b> |
|   | Dermal (rabbit) LD50: >1900 mg/kg <sup>[1]</sup> | [CCINFO-Shell]    |
|   | Oral (rat) LD50: >4500 mg/kg <sup>[1]</sup>      | [EXXON]           |
|   |  | None reported     |

**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

|  |  |
|--|--|
| <b>RESENE THINNER No. 2 &amp; NAPHTHA PETROLEUM, HEAVY, HYDROTREATED</b> | <b>for petroleum:</b><br>This product contains benzene which is known to cause acute myeloid leukaemia and n-hexane which has been shown to metabolize to compounds which are neuropathic. |
|--|--|

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

**Legend:** ✗ – Data available but does not fill the criteria for classification  
 ✓ – Data required to make classification available  
 ☒ – Data Not Available to make classification

## SECTION 12 ECOLOGICAL INFORMATION

## Toxicity

| Ingredient                             | Endpoint   | Test Duration (hr) | Species                       | Value  | Source |
|--|--|--------------------|-------------------------------|--------|--------|
| naphtha petroleum, heavy, hydrotreated | EC50   | 96                 | Algae or other aquatic plants | 64mg/L | 2      |
| <b>Legend:</b>                         | Extracted from 1. IUCLID Toxicity Data 2. Europe ECHA Registered Substances - Ecotoxicological Information - Aquatic Toxicity 3. EPIWIN Suite V3.12 - 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 |                    |                               |        |        |

Harmful 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.

When spilled this product may act as a typical oil, causing a film, sheen, emulsion or sludge at or beneath the surface of the body of water.

For petroleum derivatives:

Chemical analysis for all individual compounds in a petroleum bulk product released to the environment is generally unrealistic due to the complexity of these mixtures and the laboratory expense.

**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 |

Continued...

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

Ensure that the disposal of material is carried out in accordance with Hazardous Substances (Disposal) Regulations 2001.

## SECTION 14 TRANSPORT INFORMATION

### Labels Required

|                  |   |
|------------------|---|
|                  |  |
| Marine Pollutant | NO  |
| HAZCHEM          | •3Y   |

### Land transport (UN)

|                              |  |                    |               |                  |                |
|------------------------------|--|--------------------|---------------|------------------|----------------|
| UN number                    | 1263   |                    |               |                  |                |
| Packing group                | III  |                    |               |                  |                |
| UN proper shipping name      | PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound) |                    |               |                  |                |
| Environmental hazard         | Not Applicable   |                    |               |                  |                |
| Transport hazard class(es)   | <table border="1"> <tr> <td>Class</td> <td>3</td> </tr> <tr> <td>Subrisk</td> <td>Not Applicable</td> </tr> </table>   | Class              | 3             | Subrisk          | Not Applicable |
| Class                        | 3  |                    |               |                  |                |
| Subrisk                      | Not Applicable   |                    |               |                  |                |
| Special precautions for user | <table border="1"> <tr> <td>Special provisions</td> <td>163; 223; 367</td> </tr> <tr> <td>Limited quantity</td> <td>5 L</td> </tr> </table>  | Special provisions | 163; 223; 367 | Limited quantity | 5 L            |
| Special provisions           | 163; 223; 367  |                    |               |                  |                |
| Limited quantity             | 5 L  |                    |               |                  |                |

### Air transport (ICAO-IATA / DGR)

|   |   |                    |             |                                 |                |                               |       |  |     |  |      |   |      |  |      |
|---|---|--------------------|-------------|---------------------------------|----------------|-------------------------------|-------|--|-----|--|------|---|------|--|------|
| UN number   | 1263  |                    |             |                                 |                |                               |       |  |     |  |      |   |      |  |      |
| Packing group   | III   |                    |             |                                 |                |                               |       |  |     |  |      |   |      |  |      |
| UN proper shipping name                                   | Paint (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base); Paint related material (including paint thinning or reducing compounds)   |                    |             |                                 |                |                               |       |  |     |  |      |   |      |  |      |
| Environmental hazard                                      | Not Applicable  |                    |             |                                 |                |                               |       |  |     |  |      |   |      |  |      |
| Transport hazard class(es)                                | <table border="1"> <tr> <td>ICAO/IATA Class</td> <td>3</td> </tr> <tr> <td>ICAO / IATA Subrisk</td> <td>Not Applicable</td> </tr> <tr> <td>ERG Code</td> <td>3L</td> </tr> </table>   | ICAO/IATA Class    | 3           | ICAO / IATA Subrisk             | Not Applicable | ERG Code                      | 3L    |  |     |  |      |   |      |  |      |
| ICAO/IATA Class   | 3   |                    |             |                                 |                |                               |       |  |     |  |      |   |      |  |      |
| ICAO / IATA Subrisk                                       | Not Applicable  |                    |             |                                 |                |                               |       |  |     |  |      |   |      |  |      |
| ERG Code  | 3L  |                    |             |                                 |                |                               |       |  |     |  |      |   |      |  |      |
| Special precautions for user                              | <table border="1"> <tr> <td>Special provisions</td> <td>A3 A72 A192</td> </tr> <tr> <td>Cargo Only Packing Instructions</td> <td>366</td> </tr> <tr> <td>Cargo Only Maximum Qty / Pack</td> <td>220 L</td> </tr> <tr> <td>Passenger and Cargo Packing Instructions</td> <td>355</td> </tr> <tr> <td>Passenger and Cargo Maximum Qty / Pack</td> <td>60 L</td> </tr> <tr> <td>Passenger and Cargo Limited Quantity Packing Instructions</td> <td>Y344</td> </tr> <tr> <td>Passenger and Cargo Limited Maximum Qty / Pack</td> <td>10 L</td> </tr> </table> | Special provisions | A3 A72 A192 | Cargo Only Packing Instructions | 366            | Cargo Only Maximum Qty / Pack | 220 L | Passenger and Cargo Packing Instructions | 355 | Passenger and Cargo Maximum Qty / Pack | 60 L | Passenger and Cargo Limited Quantity Packing Instructions | Y344 | Passenger and Cargo Limited Maximum Qty / Pack | 10 L |
| Special provisions  | A3 A72 A192   |                    |             |                                 |                |                               |       |  |     |  |      |   |      |  |      |
| Cargo Only Packing Instructions                           | 366   |                    |             |                                 |                |                               |       |  |     |  |      |   |      |  |      |
| Cargo Only Maximum Qty / Pack                             | 220 L   |                    |             |                                 |                |                               |       |  |     |  |      |   |      |  |      |
| Passenger and Cargo Packing Instructions                  | 355   |                    |             |                                 |                |                               |       |  |     |  |      |   |      |  |      |
| Passenger and Cargo Maximum Qty / Pack                    | 60 L  |                    |             |                                 |                |                               |       |  |     |  |      |   |      |  |      |
| Passenger and Cargo Limited Quantity Packing Instructions | Y344  |                    |             |                                 |                |                               |       |  |     |  |      |   |      |  |      |
| Passenger and Cargo Limited Maximum Qty / Pack            | 10 L  |                    |             |                                 |                |                               |       |  |     |  |      |   |      |  |      |

## RESENE THINNER No. 2

## Sea transport (IMDG-Code / GGVSee)

|                              |  |                 |  |
|------------------------------|--|-----------------|--|
| UN number                    | 1263   |                 |  |
| Packing group                | III  |                 |  |
| UN proper shipping name      | PAINT (including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound) |                 |  |
| Environmental hazard         | Not Applicable   |                 |  |
| Transport hazard class(es)   | IMDG Class   | 3               |  |
|                              | IMDG Subrisk   | Not Applicable  |  |
| Special precautions for user | EMS Number   | F-E, S-E        |  |
|                              | Special provisions   | 163 223 367 955 |  |
|                              | 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                           |
|------------|--|
| HSR002650  | Solvents (Flammable) Group Standard 2006 |

## NAPHTHA PETROLEUM, HEAVY, HYDROTREATED(64742-48-9) IS FOUND ON THE FOLLOWING REGULATORY LISTS

International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

New Zealand Workplace Exposure Standards (WES)

New Zealand Inventory of Chemicals (NZIoC)

## Location Test Certificate

Subject to Regulation 55 of the Hazardous Substances (Classes 1 to 5 Controls) Regulations, a location test certificate is required when quantity greater than or equal to those indicated below are present.

| Hazard Class | Quantity beyond which controls apply for closed containers                           | Quantity beyond which controls apply when use occurring in open containers |
|--------------|--|--|
| 3.1C         | 500 L in containers greater than 5 L<br>1500 L in containers up to and including 5 L | 250 L<br>250 L   |

## Approved Handler

Subject to Regulation 56 of the Hazardous Substances (Classes 1 to 5 Controls) Regulations and Regulation 9 of the Hazardous Substances (Classes 6, 8, and 9 Controls) Regulations, the substance must be under the personal control of an Approved Handler when present in a quantity greater than or equal to those indicated below.

| Class of substance | Quantities     |
|--------------------|----------------|
| Not Applicable     | Not Applicable |

Refer Group Standards for further information

## Tracking Requirements

Not Applicable

| National Inventory            | Status   |
|-------------------------------|--|
| Australia - AICS              | Y  |
| Canada - DSL                  | Y  |
| Canada - NDSL                 | N (naphtha petroleum, heavy, hydrotreated)   |
| China - IECSC                 | Y  |
| Europe - EINEC / ELINCS / NLP | Y  |
| Japan - ENCS                  | N (naphtha petroleum, heavy, hydrotreated)   |
| Korea - KECI                  | Y  |
| New Zealand - NZIoC           | Y  |
| Philippines - PICCS           | Y  |
| USA - TSCA                    | Y  |
| <b>Legend:</b>                | Y = All ingredients are on the inventory<br>N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing(see specific ingredients in brackets) |

## SECTION 16 OTHER INFORMATION

**RESENE THINNER No. 2****Other information****Ingredients with multiple cas numbers**

| Name                                   | CAS No                    |
|--|---------------------------|
| naphtha petroleum, heavy, hydrotreated | 101795-02-2., 64742-48-9. |

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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