# RESENE CLEARCOTE UVS

**RESENE PAINTS LTD**

Chemwatch Hazard Alert Code: **2**

Chemwatch: **9-53370**
Version No: **2.2**
Safety Data Sheet according to HSNO Regulations

Issue Date: **17/04/2014**
Print Date: **09/06/2014**
Initial Date: **Not Available**
S.GHS.NZL.EN

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

### Product Identifier

| | |
|---|---|
| **Product name** | RESENE CLEARCOTE UVS |
| **Chemical Name** | Not Applicable |
| **Synonyms** | rev 9398 |
| **Proper shipping name** | Not Applicable |
| **Chemical formula** | Not Applicable |
| **Other means of identification** | Not Available |
| **CAS number** | Not Applicable |

### 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, Lower Hutt, 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** | Not Available | | |
| **Emergency telephone numbers** | 0800 737363 | | |
| **Other emergency telephone numbers** | 0800 737363 | | |

### 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 prefered 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.**
**Not regulated for transport of Dangerous Goods.**

| | |
|---|---|
| **GHS Classification [1]** | Acute Toxicity (Oral) Category 4, Skin Sensitizer Category 1, Chronic Aquatic Hazard 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** | 6.1D (oral), 6.5B (contact), 9.1C |

### Label elements

| | |
|---|---|
| **GHS label elements** |  |
| **SIGNAL WORD** | **WARNING** |

Continued...

### Hazard statement(s)

| | |
|---|---|
| **H302** | Harmful if swallowed |
| **H317** | May cause an allergic skin reaction |
| **H412** | Harmful to aquatic life with long lasting effects |

### Precautionary statement(s): Prevention

| | |
|---|---|
| **P280** | Wear protective gloves/protective clothing/eye protection/face protection. |

### Precautionary statement(s): Response

| | |
|---|---|
| **P321** | Specific treatment (see advice on this label). |

### Precautionary statement(s): Storage

Not Applicable

### Precautionary statement(s): Disposal

| | |
|---|---|
| **P501** | Dispose of contents/container to authorised chemical landfill or if organic to high temperature incineration |

## SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

### Substances

See section below for composition of Mixtures

### Mixtures

| CAS No | %[weight] | Name |
|---|---|---|
| 34590-94-8 | 1-10 | dipropylene glycol monomethyl ether |
| 25265-77-4 | 1-10 | 2,2,4-trimethyl-1,3-pentanediol monoisobutyrate |
| Not Available | <=1 | UV Absorber |
| 2530-83-8 | <=1 | gamma-glycidoxypropyltrimethoxysilane |
| 126-86-3 | <=1 | 2,4,7,9-tetramethyl-5-decyne-4,7-diol |
| Not Available | <=1 | UV absorber |

## SECTION 4 FIRST AID MEASURES

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

### Description of first aid measures

| | |
|---|---|
| **Eye Contact** | If this product comes in contact with the eyes:<br>▸ Wash out immediately with fresh running water.<br>▸ 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.<br>▸ Seek medical attention without delay; if pain persists or recurs seek medical attention.<br>▸ Removal of contact lenses after an eye injury should only be undertaken by skilled personnel. |
| **Skin Contact** | If skin contact occurs:<br>▸ Immediately remove all contaminated clothing, including footwear.<br>▸ Flush skin and hair with running water (and soap if available).<br>▸ Seek medical attention in event of irritation. |
| **Inhalation** | ▸ If fumes, aerosols or combustion products are inhaled remove from contaminated area.<br>▸ Other measures are usually unnecessary. |
| **Ingestion** | ▸ **IF SWALLOWED, REFER FOR MEDICAL ATTENTION, WHERE POSSIBLE, WITHOUT DELAY.**<br>▸ For advice, contact a Poisons Information Centre or a doctor.<br>▸ Urgent hospital treatment is likely to be needed.<br>▸ In the mean time, qualified first-aid personnel should treat the patient following observation and employing supportive measures as indicated by the patient's condition.<br>▸ If the services of a medical officer or medical doctor are readily available, the patient should be placed in his/her care and a copy of the MSDS should be provided. Further action will be the responsibility of the medical specialist.<br>▸ If medical attention is not available on the worksite or surroundings send the patient to a hospital together with a copy of the MSDS.<br><br>**Where medical attention is not immediately available or where the patient is more than 15 minutes from a hospital or unless instructed otherwise:**<br>▸ **INDUCE** vomiting with fingers down the back of the throat, **ONLY IF CONSCIOUS**. Lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.<br>**NOTE:** Wear a protective glove when inducing vomiting by mechanical means. |

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

| | |
|---|---|
| | As in all cases of suspected poisoning, follow the ABCDEs of emergency medicine (airway, breathing, circulation, disability, exposure), then the ABCDEs of toxicology (antidotes, basics, change absorption, change distribution, change elimination).<br>For poisons (where specific treatment regime is absent):<br>----------<br>BASIC TREATMENT<br>---------- |

Continued...

| | |
|---|---|
| | ▸ Establish a patent airway with suction where necessary.<br>▸ Watch for signs of respiratory insufficiency and assist ventilation as necessary.<br>▸ Administer oxygen by non-rebreather mask at 10 to 15 L/min.<br>▸ Monitor and treat, where necessary, for pulmonary oedema.<br>▸ Monitor and treat, where necessary, for shock.<br>▸ Anticipate seizures.<br>▸ **DO NOT** use emetics. Where ingestion is suspected rinse mouth and give up to 200 ml water (5 ml/kg recommended) for dilution where patient is able to swallow, has a strong gag reflex and does not drool.<br>----------<br>ADVANCED TREATMENT<br>----------<br>▸ Consider orotracheal or nasotracheal intubation for airway control in unconscious patient or where respiratory arrest has occurred.<br>▸ Positive-pressure ventilation using a bag-valve mask might be of use.<br>▸ Monitor and treat, where necessary, for arrhythmias.<br>▸ Start an IV D5W TKO. If signs of hypovolaemia are present use lactated Ringers solution. Fluid overload might create complications.<br>▸ Drug therapy should be considered for pulmonary oedema.<br>▸ Hypotension with signs of hypovolaemia requires the cautious administration of fluids. Fluid overload might create complications.<br>▸ Treat seizures with diazepam.<br>▸ Proparacaine hydrochloride should be used to assist eye irrigation.<br>*BRONSTEIN, A.C. and CURRANCE, P.L.*<br>*EMERGENCY CARE FOR HAZARDOUS MATERIALS EXPOSURE: 2nd Ed. 1994* |

## SECTION 5 FIREFIGHTING MEASURES

### Extinguishing media

| | |
|---|---|
| | ▸ There is no restriction on the type of extinguisher which may be used. |

### Special hazards arising from the substrate or mixture

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

### 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

| | |
|---|---|
| **Minor Spills** | ▸ Clean up all spills immediately. |
| **Major Spills** | Moderate hazard. |
| | |
| | Personal Protective Equipment advice is contained in Section 8 of the MSDS. |

## SECTION 7 HANDLING AND STORAGE

### Precautions for safe handling

| | |
|---|---|
| **Safe handling** | ▸ Avoid all personal contact, including inhalation. |
| **Other information** | |

### Conditions for safe storage, including any incompatibilities

| | |
|---|---|
| **Suitable container** | ▸ Polyethylene or polypropylene container. |
| **Storage incompatibility** | None known |

**PACKAGE MATERIAL INCOMPATIBILITIES**

Not Available

## 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) | dipropylene glycol monomethyl ether | Dipropylene glycol methyl ether | 606 mg/m3 / 100 ppm | 909 mg/m3 / 150 ppm | Not Available | Skin absorption |

**EMERGENCY LIMITS**

| Ingredient | TEEL-0 | TEEL-1 | TEEL-2 | TEEL-3 |
|---|---|---|---|---|
| dipropylene glycol monomethyl ether | 100 ppm | 150 ppm | 150 ppm | 400 ppm |

Continued...

| | | | | |
|---|---|---|---|---|
| 2,2,4-trimethyl-1,3-pentanediol monoisobutyrate | 25 ppm | 75 ppm | 500 ppm | 500 ppm |
| gamma-glycidoxypropyltrimethoxysilane | 150 ppm | 400 ppm | 500 ppm | 500 ppm |
| 2,4,7,9-tetramethyl-5-decyne-4,7-diol | 10 ppm | 30 ppm | 50 ppm | 250 ppm |

| Ingredient | Original IDLH | Revised IDLH |
|---|---|---|
| dipropylene glycol monomethyl ether | Unknown mg/m3 / Unknown ppm | 600 ppm |
| 2,2,4-trimethyl-1,3-pentanediol monoisobutyrate | Not Available | Not Available |
| UV Absorber | Not Available | Not Available |
| gamma-glycidoxypropyltrimethoxysilane | Not Available | Not Available |
| 2,4,7,9-tetramethyl-5-decyne-4,7-diol | Not Available | Not Available |
| UV absorber | Not Available | Not Available |

### 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** |  |
| **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. |
| **Thermal hazards** | Not Available |

### Recommended material(s)

**GLOVE SELECTION INDEX**

Glove selection is based on a modified presentation of the:
**"Forsberg Clothing Performance Index".**
The effect(s) of the following substance(s) are taken into account in the ***computer-generated*** selection:
RESENE CLEARCOTE UVS Not Available

| Material | CPI |
|---|---|

* CPI - Chemwatch Performance Index
A: Best Selection
B: Satisfactory; may degrade after 4 hours continuous immersion
C: Poor to Dangerous Choice for other than short term immersion
**NOTE**: As a series of factors will influence the actual performance of the glove, a final selection must be based on detailed observation. -
* Where the glove is to be used on a short term, casual or infrequent basis, factors such as "feel" or convenience (e.g. disposability), may dictate a choice of gloves which might otherwise be unsuitable following long-term or frequent use. A qualified practitioner should be consulted.

### Respiratory protection

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 5 x ES | A-AUS / Class 1 P2 | - | A-PAPR-AUS / Class 1 P2 |
| up to 25 x ES | Air-line* | A-2 P2 | A-PAPR-2 P2 |
| up to 50 x ES | - | A-3 P2 | - |
| 50+ x ES | - | Air-line** | - |

* - Continuous-flow; ** - Continuous-flow or positive pressure demand
^ - 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(SO2), G = Agricultural chemicals, K = Ammonia(NH3), 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

| | |
|---|---|
| **Appearance** | Not Available |

| | | | |
|---|---|---|---|
| **Physical state** | Liquid | **Relative density (Water = 1)** | 1.03 |
| **Odour** | Not Available | **Partition coefficient n-octanol / water** | Not Available |
| **Odour threshold** | Not Available | **Auto-ignition temperature (°C)** | Not Available |

Continued...

| | | | |
|---|---|---|---|
| **pH (as supplied)** | Not Available | **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)** | Not Available |
| **Vapour pressure (kPa)** | Not Available | **Gas group** | Not Available |
| **Solubility in water (g/L)** | Miscible | **pH as a solution(1%)** | Not Available |
| **Vapour density (Air = 1)** | Not Available | **VOC g/L** | Not Available |

## SECTION 10 STABILITY AND REACTIVITY

| | |
|---|---|
| **Reactivity** | See section 7 |
| **Chemical stability** | ▸ Unstable in the presence of incompatible materials. |
| **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 either adverse health effects or irritation of the respiratory tract following inhalation (as classified by EC Directives using animal models). |
| **Ingestion** | Accidental ingestion of the material may be harmful; animal experiments indicate that ingestion of less than 150 gram may be fatal or may produce serious damage to the health of the individual. |
| **Skin Contact** | Skin contact is not thought to produce harmful health effects (as classified under EC Directives using animal models). |
| **Eye** | Although the liquid is not thought to be an irritant (as classified by EC Directives), direct contact with the eye may produce transient discomfort characterised by tearing or conjunctival redness (as with windburn). |
| **Chronic** | Practical experience shows that skin contact with the material is capable either of inducing a sensitisation reaction in a substantial number of individuals, and/or of producing a positive response in experimental animals. |

| | | |
|---|---|---|
| **RESENE CLEARCOTE UVS** | **TOXICITY** | **IRRITATION** |
| | Not Available | Not Available |
| **dipropylene glycol monomethyl ether** | **TOXICITY** | **IRRITATION** |
| | Dermal (Rabbit) LD50: 9500 mg/kg | Eye (human): 8 mg - mild |
| | Oral (rat) LD50: 5135 mg/kg | Eye (rabbit): 500 mg/24hr - mild |
| | | Skin (rabbit): 238 mg - mild |
| | | Skin (rabbit): 500 mg (open)-mild |
| | Not Available | Not Available |
| **2,2,4-trimethyl-1,3-pentanediol monoisobutyrate** | **TOXICITY** | **IRRITATION** |
| | Dermal (g.pig) LD50: >16 ml/kg *** | Eyes - Moderate irritant * |
| | Dermal (None) Guinea: pig LD50>20 ml/kg | Skin - Slight irritant * |
| | Dermal (rabbit) LD50: >16 ml/kg * | Skin (rabbit): mild *** |
| | Inhalation (rat) LC50: >3.55 mg/l/6h | |
| | Inhalation (rat) LC50: 1600 mg/kg *** | |
| | Oral (Mouse) LD50: 3200 mg/kg | |
| | Oral (rat) LD50: 3200 mg/kg | |
| | Oral (rat) LD50: 3200 mg/kg *** | |
| | Not Available | Not Available |
| **gamma-glycidoxypropyltrimethoxysilane** | **TOXICITY** | **IRRITATION** |
| | Dermal (Rabbit) LD50: 3970 ul/kg | |

Continued...

| | | |
|---|---|---|
| | Oral (Rat) LD50: 22600 uL/kg | |
| | Not Available | Not Available |
| **2,4,7,9-tetramethyl-5-decyne-4,7-diol** | **TOXICITY** | **IRRITATION** |
| | Dermal (rabbit) LD50: >1000 mg/kg * | Eye: SEVERE ** |
| | Inhalation (rat) LC50: >20 mg/l * | Skin: SEVERE ** |
| | Oral (rat) LD50: 4600 mg/kg * | |
| | Not Available | Not Available |

| | |
|---|---|
| **RESENE CLEARCOTE UVS** | The following information refers to contact allergens as a group and may not be specific to this product. |
| **DIPROPYLENE GLYCOL MONOMETHYL ETHER** | Asthma-like symptoms may continue for months or even years after exposure to the material ceases. |
| **2,2,4-TRIMETHYL-1,3-PENTANEDIOL MONOISOBUTYRATE** | The material may be irritating to the eye, with prolonged contact causing inflammation.<br>Not a skin sensitiser (guinea pig, Magnusson-Kligman) *** Ames Test: negative *** Micronucleus, mouse: negative *** Not mutagenic *** No effects on fertility or foetal development seen in the rat *** * [SWIFT] ** [Eastman] *** [Perstop] |
| **GAMMA-GLYCIDOXYPROPYLTRIMETHOXYSILANE** | For alkoxysilanes:<br>Low molecular weight alkoxysilanes (including alkyl orthosilicates) are a known concern for lung toxicity, due to inhalation of vapours or aerosols causing irreversible lung damage at low doses. |
| **2,4,7,9-TETRAMETHYL-5-DECYNE-4,7-DIOL** | The material may produce severe irritation to the eye causing pronounced inflammation.<br>* [Sigma/Aldrich] ** For similar product CAS RN: 68227-33-8 Rats were orally administered this material in the diet for 28 days at concentrations of 0, 750, 1500, 3000, and 6000 ppm. After 91 day on test, a significant increase in liver weights with accompanying microscopic changes was observed in both sexes in the high-dose group. |

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

**CMR STATUS**

| | | | |
|---|---|---|---|
| **SKIN** | dipropylene glycol monomethyl ether | New Zealand Workplace Exposure Standards (WES) - Skin | Skin absorption |

## SECTION 12 ECOLOGICAL INFORMATION

### Toxicity

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

### Persistence and degradability

| Ingredient | Persistence: Water/Soil | Persistence: Air |
|---|---|---|
| Not Available | Not Available | Not Available |

### Bioaccumulative potential

| Ingredient | Bioaccumulation |
|---|---|
| Not Available | Not Available |

### Mobility in soil

| Ingredient | Mobility |
|---|---|
| Not Available | Not Available |

## SECTION 13 DISPOSAL CONSIDERATIONS

### Waste treatment methods

| | |
|---|---|
| **Product / Packaging disposal** | ▸ Containers may still present a chemical hazard/ danger when empty. |
| | Insure that the disposal of material is carried out in accordance with Hazardous Substances (Disposal) Regulations 2001. |

## SECTION 14 TRANSPORT INFORMATION

Continued...

### 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 73 / 78 and the IBC code

| Source | Ingredient | Pollution Category | Residual Concentration - Outside Special Area (% w/w) | Residual Concentration |
|---|---|---|---|---|
| 40-7-4-8-0-0-AA-20140404 | 2,2,4-trimethyl-1,3-pentanediol monoisobutyrate | Y | Not Available | 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 |
|---|---|
| HSR002670 | Surface Coatings and Colourants (Subsidiary Hazard) Group Standard 2006 |

| | |
|---|---|
| **dipropylene glycol monomethyl ether(34590-94-8) is found on the following regulatory lists** | "International Council of Chemical Associations (ICCA) - High Production Volume List","New Zealand Inventory of Chemicals (NZIoC)","New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals - Classification Data","OSPAR National List of Candidates for Substitution – Norway","OECD List of High Production Volume (HPV) Chemicals","New Zealand Workplace Exposure Standards (WES)","Sigma-AldrichTransport Information","OECD Existing Chemicals Database","New Zealand Hazardous Substances and New Organisms (HSNO) Act - Dangerous Goods","New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals","IMO IBC Code Chapter 17: Summary of minimum requirements","International Fragrance Association (IFRA) Survey: Transparency List" |
| **2,2,4-trimethyl-1,3-pentanediol monoisobutyrate(25265-77-4) is found on the following regulatory lists** | "IMO MARPOL 73/78 (Annex II) - List of Noxious Liquid Substances Carried in Bulk","New Zealand Inventory of Chemicals (NZIoC)","New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals - Classification Data","FisherTransport Information","OECD List of High Production Volume (HPV) Chemicals","Sigma-AldrichTransport Information","OECD Existing Chemicals Database","GESAMP/EHS Composite List - GESAMP Hazard Profiles","New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals","IMO IBC Code Chapter 17: Summary of minimum requirements","New Zealand Hazardous Substances and New Organisms (HSNO) Act - Chemicals (single components)" |
| **gamma-glycidoxypropyltrimethoxysilane(2530-83-8) is found on the following regulatory lists** | "IMO MARPOL 73/78 (Annex II) - List of Noxious Liquid Substances Carried in Bulk","International Council of Chemical Associations (ICCA) - High Production Volume List","New Zealand Inventory of Chemicals (NZIoC)","New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals - Classification Data","United Nations Consolidated List of Products Whose Consumption and/or Sale Have Been Banned, Withdrawn, Severely Restricted or Not Approved by Governments","IMO MARPOL 73/78 (Annex II) - List of Other Liquid Substances","FisherTransport Information","OECD List of High Production Volume (HPV) Chemicals","New Zealand Workplace Exposure Standards (WES)","Sigma-AldrichTransport Information","OECD Existing Chemicals Database","GESAMP/EHS Composite List - GESAMP Hazard Profiles","New Zealand Hazardous Substances and New Organisms (HSNO) Act - Dangerous Goods","New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals","New Zealand Cosmetic Products Group Standard - Schedule 5 - Table 1: Components Cosmetic Products Must Not Contain Except Subject to the Restrictions and Conditions Laid Down","Acros Transport Information","IMO IBC Code Chapter 17: Summary of minimum requirements","New Zealand Hazardous Substances and New Organisms (HSNO) Act - Chemicals (single components)" |
| **2,4,7,9-tetramethyl-5-decyne-4,7-diol(126-86-3) is found on the following regulatory lists** | "New Zealand Inventory of Chemicals (NZIoC)","New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals - Classification Data","FisherTransport Information","Sigma-AldrichTransport Information","OSPAR National List of Candidates for Substitution – United Kingdom","New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals","New Zealand Hazardous Substances and New Organisms (HSNO) Act - Chemicals (single components)" |

## SECTION 16 OTHER 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.
A list of reference resources used to assist the committee may be found at:
www.chemwatch.net/references

The (M)SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.