

## SAFETY DATA SHEET

### Section 1. Identification

**Product identifier** : D15419728  
**Product name** : ECRP-01 A0.4LT 1K ECR PRIMER OLIVE YELLW  
**Date of issue** : 14 April 2026  
**Version** : 2.11

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

**Identified uses** : Coating component.  
**Uses advised against** : Not for sale to or use by consumers.

**Supplier's details** : Axalta Coating Systems Australia Pty Limited  
16 Darling Street, Marsden Park NSW 2765, Australia  
Importer: Resene Automotive & Light Industrial  
4 Te Apunga Place, Mt Wellington, Auckland, New Zealand  
Telephone: +64 (09) 259 2738

**Product information** : +61 (0)2 8818 4300

**Emergency telephone number** : +(64) 9801 0034 NZ Poisons Information Center: 0800 764 766 or +(64) 3 479 7248

### Section 2. Hazards identification

This material is classified as hazardous according to criteria in the Hazardous Substances (Hazard Classification) Notice 2020.

This material is classified as DANGEROUS GOODS according to criteria in New Zealand Standard 5433:2012 Transport of Dangerous Goods on Land.

**HSNO Classification** : AEROSOLS - Category 1  
EYE IRRITATION - Category 2  
SKIN SENSITISATION - Category 1  
CARCINOGENICITY - Category 2  
REPRODUCTIVE TOXICITY - Category 2  
SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 2  
LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2

#### GHS label elements

**Symbol**



**Signal word**

: Danger

## Section 2. Hazards identification

**Hazard statements** : Extremely flammable aerosol. Pressurised container: may burst if heated.  
 May cause an allergic skin reaction.  
 Causes serious eye irritation.  
 Suspected of causing cancer.  
 Suspected of damaging fertility or the unborn child.  
 May cause damage to organs through prolonged or repeated exposure.  
 Toxic to aquatic life with long lasting effects.

### Precautionary statements

**Prevention** : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Avoid release to the environment. Do not breathe dust or mist. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Do not pierce or burn, even after use. Wear protective gloves, protective clothing and eye or face protection.

**Response** : Collect spillage. IF exposed or concerned: Get medical advice or attention. Take off contaminated clothing and wash it before reuse. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice or attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

**Storage** : Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

**Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.

**Other hazards which do not result in classification** : None known.

## Section 3. Composition/information on ingredients

**Substance/mixture** : Mixture

Ingredient name	% (w/w)	CAS number
dimethyl ether	30 - <60	115-10-6
ethanol	10 - <30	64-17-5
xylene	5 - <10	1330-20-7
reaction product: bisphenol-A-(epichlorohydrin); epoxy resin	1 - <3	25068-38-6
trizinc bis(orthophosphate)	1 - <3	7779-90-0
ethylbenzene	1 - <3	100-41-4
butan-1-ol	1 - <3	71-36-3

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.**

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

## Section 4. First aid measures

### Description of necessary first aid measures

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

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Inhalation** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.
- Skin contact** : May cause an allergic skin reaction.
- Eye contact** : Causes serious eye irritation.

#### Over-exposure signs/symptoms

- Inhalation** : Adverse symptoms may include the following:  
respiratory tract irritation  
coughing  
reduced foetal weight  
increase in foetal deaths  
skeletal malformations
- Ingestion** : Adverse symptoms may include the following:  
reduced foetal weight  
increase in foetal deaths  
skeletal malformations
- Skin** : Adverse symptoms may include the following:  
irritation  
redness  
reduced foetal weight  
increase in foetal deaths  
skeletal malformations

## Section 4. First aid measures

**Eyes** : Adverse symptoms may include the following:  
pain or irritation  
watering  
redness

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

**Specific treatments** : Not available.

**Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

**Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Firefighting measures

### **Extinguishing media**

**Suitable** : Use an extinguishing agent suitable for the surrounding fire.

**Not suitable** : None known.

**Specific hazards arising from the chemical** : Extremely flammable aerosol. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion. Bursting aerosol containers may be propelled from a fire at high speed. This material is toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

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

**Hazchem code** : Not available.

**Special precautions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

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

## Section 6. Accidental release measures

- Personal precautions, protective equipment and emergency procedures** : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
- Environmental precautions** : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.

### Methods and material for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spill product. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

## Section 7. Handling and storage

- Precautions for safe handling** : Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Pressurised container: protect from sunlight and do not expose to temperature exceeding 50°C. Do not pierce or burn, even after use. Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapour or mist. Do not ingest. Avoid breathing gas. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Empty containers retain product residue and can be hazardous.
- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store away from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

## Section 8. Exposure controls/personal protection

Ingredient name	Exposure limits
dimethyl ether	<p><b>HSWA 2015 - HSW (GRWM) 2016. Workplace exposure standards (WES) (New Zealand, 11/2023)</b>                      WES-TWA 8 hours: 400 ppm.                      WES-TWA 8 hours: 766 mg/m<sup>3</sup>.                      WES-STEL 15 minutes: 500 ppm.                      WES-STEL 15 minutes: 958 mg/m<sup>3</sup>.</p>
ethanol	<p><b>HSWA 2015 - HSW (GRWM) 2016. Workplace exposure standards (WES) (New Zealand, 11/2023)</b>                      Ototoxicant.                      WES-TWA 8 hours: 200 ppm.                      WES-TWA 8 hours: 380 mg/m<sup>3</sup>.                      WES-STEL 15 minutes: 1520 mg/m<sup>3</sup>.                      WES-STEL 15 minutes: 800 ppm.</p>
xylene	<p><b>HSWA 2015 - HSW (GRWM) 2016. Workplace exposure standards (WES) (New Zealand, 11/2023)</b>  <b>[xylene (o-, m-, p-isomers)]</b> Ototoxicant.                      WES-TWA 8 hours: 50 ppm.                      WES-TWA 8 hours: 217 mg/m<sup>3</sup>.</p>
ethylbenzene	<p><b>HSWA 2015 - HSW (GRWM) 2016. Workplace exposure standards (WES) (New Zealand, 11/2023)</b>                      Absorbed through skin , Ototoxicant.                      WES-TWA 8 hours: 20 ppm.                      WES-TWA 8 hours: 88 mg/m<sup>3</sup>.                      WES-STEL 15 minutes: 176 mg/m<sup>3</sup>.                      WES-STEL 15 minutes: 40 ppm.</p>
butan-1-ol	<p><b>HSWA 2015 - HSW (GRWM) 2016. Workplace exposure standards (WES) (New Zealand, 11/2023)</b>                      Absorbed through skin.                      WES-Ceiling: 50 ppm.                      WES-Ceiling: 150 mg/m<sup>3</sup>.</p>

**Appropriate engineering controls** : Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapour or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

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

### Individual protection measures

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

## Section 8. Exposure controls/personal protection

- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
- Eye protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.
- Skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

## Section 9. Physical and chemical properties

### Appearance

- Physical state** : Liquid.
- Colour** : Neutral.
- Odour** : Not available.
- Odour threshold** : Not available.
- pH** : Not applicable.
- Melting point** : Technically not possible to measure
- Boiling point** : Not applicable.
- Flash point** : Closed cup: -39.3°C (-38.7°F)
- Evaporation rate** : Not available.
- Flammability (solid, gas)** : Not available.
- Lower and upper explosive (flammable) limits** : Lower: 3%  
Upper: 18.6%
- Vapour pressure** : 258.3 kPa (1937.49 mm Hg)
- Vapour density** : Not available.
- Density** : 0.768 g/cm<sup>3</sup>
- Solubility(ies)** :  
Not available.
- Partition coefficient: n-octanol/water** : Not applicable.
- Auto-ignition temperature** : 301°C (573.8°F)
- Decomposition temperature** : Not applicable.

## Section 9. Physical and chemical properties

<b>Viscosity</b>	: Dynamic (room temperature): Not available. Kinematic (room temperature): Not available. Kinematic (40°C (104°F)): Not available.
<b>Flow time (ISO 2431)</b>	: Not available.
<b><u>Aerosol product</u></b>	
<b>Type of aerosol</b>	: Spray
<b>Heat of combustion</b>	: 20.23 kJ/g
<b>Ignition distance</b>	: Not available.
<b>Enclosed space ignition - Time equivalent</b>	: Not available.
<b>Enclosed space ignition - Deflagration density</b>	: Not available.
<b>Flame projection</b>	: Not available.
<b>Flame height</b>	: Not applicable.
<b>Flame duration</b>	: Not applicable.

## Section 10. Stability and reactivity

<b>Chemical stability</b>	: The product is stable.
<b>Possibility of hazardous reactions</b>	: Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid</b>	: Avoid all possible sources of ignition (spark or flame).
<b>Incompatible materials</b>	: No specific data.
<b>Hazardous decomposition products</b>	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### **Information on likely routes of exposure**

<b>Inhalation</b>	: No known significant effects or critical hazards.
<b>Ingestion</b>	: No known significant effects or critical hazards.
<b>Skin contact</b>	: May cause an allergic skin reaction.
<b>Eye contact</b>	: Causes serious eye irritation.

### **Symptoms related to the physical, chemical and toxicological characteristics**

<b>Inhalation</b>	: Adverse symptoms may include the following: respiratory tract irritation coughing reduced foetal weight increase in foetal deaths skeletal malformations
<b>Ingestion</b>	: Adverse symptoms may include the following: reduced foetal weight increase in foetal deaths skeletal malformations

## Section 11. Toxicological information

<b>Skin contact</b>	: Adverse symptoms may include the following: irritation redness reduced foetal weight increase in foetal deaths skeletal malformations
<b>Eye contact</b>	: Adverse symptoms may include the following: pain or irritation watering redness

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

#### Information on toxicological effects

##### Acute toxicity

Product/ingredient name	Result
dimethyl ether	<b>Rat - Oral - LD50</b> >99999 mg/kg
-	<b>Rat - Dermal - LD50</b> >99999 mg/kg
-	<b>Rat - Inhalation - LC50 Vapour</b> 309 g/m <sup>3</sup> [4 hours]
-	<b>Rat - Inhalation - LC50 Gas.</b> 164000 ppm [4 hours] <u>Toxic effects:</u> Behavioral - Ataxia Behavioral - Coma
ethanol	<b>Rat - Oral - LD50</b> 7 g/kg
-	<b>Rabbit - Dermal - LD50</b> 17100 mg/kg
-	<b>Rat - Inhalation - LC50 Vapour</b> 124700 mg/m <sup>3</sup> [4 hours]
xylene	<b>Rat - Oral - LD50</b> 4300 mg/kg <u>Toxic effects:</u> Liver - Other changes Kidney, Ureter, and Bladder - Other changes
-	<b>Rat - Inhalation - LC50 Gas.</b> 5000 ppm [4 hours]
ethylbenzene	<b>Rat - Oral - LD50</b> 3500 mg/kg <u>Toxic effects:</u> Liver - Other changes Kidney, Ureter, and Bladder - Other changes
-	<b>Rabbit - Dermal - LD50</b> >5000 mg/kg
butan-1-ol	<b>Rat - Oral - LD50</b> 790 mg/kg <u>Toxic effects:</u> Liver - Fatty liver degeneration Kidney, Ureter, and Bladder - Other changes Blood - Other changes
-	<b>Rabbit - Dermal - LD50</b> 3400 mg/kg
-	<b>Rat - Inhalation - LC50 Vapour</b>

## Section 11. Toxicological information

24000 mg/m<sup>3</sup> [4 hours]

### Skin corrosion/irritation

**Product/ingredient name**

ethanol

**Result**

**Rabbit - Skin - Mild irritant**

Amount/concentration applied: 400 mg

xylene

**Rat - Skin - Mild irritant**

Duration of treatment/exposure: 8 hours

Amount/concentration applied: 60 uL

-

**Rabbit - Skin - Moderate irritant**

Duration of treatment/exposure: 24 hours

Amount/concentration applied: 500 mg

-

**Rabbit - Skin - Moderate irritant**

Amount/concentration applied: 100 %

reaction product: bisphenol-A-  
(epichlorohydrin); epoxy resin

**Rabbit - Skin - Moderate irritant**

Duration of treatment/exposure: 24 hours

Amount/concentration applied: 500 uL

-

**Rabbit - Skin - Severe irritant**

Duration of treatment/exposure: 24 hours

Amount/concentration applied: 2 mg

ethylbenzene

**Rabbit - Skin - Mild irritant**

Duration of treatment/exposure: 24 hours

Amount/concentration applied: 15 mg

butan-1-ol

**Rabbit - Skin - Moderate irritant**

Duration of treatment/exposure: 24 hours

Amount/concentration applied: 20 mg

### Serious eye damage/eye irritation

**Product/ingredient name**

ethanol

**Result**

**Rabbit - Eyes - Mild irritant**

Duration of treatment/exposure: 24 hours

Amount/concentration applied: 500 mg

-

**Rabbit - Eyes - Moderate irritant**

Duration of treatment/exposure: 0.066666667 minutes

Amount/concentration applied: 100 mg

-

**Rabbit - Eyes - Moderate irritant**

Amount/concentration applied: 100 uL

-

**Rabbit - Eyes - Severe irritant**

Amount/concentration applied: 500 mg

-

**Rabbit - Eyes - Mild irritant**

Duration of treatment/exposure: 1 hours

Amount/concentration applied: 50 pph

xylene

**Rabbit - Eyes - Mild irritant**

Amount/concentration applied: 87 mg

-

**Rabbit - Eyes - Severe irritant**

Duration of treatment/exposure: 24 hours

Amount/concentration applied: 5 mg

reaction product: bisphenol-A-

**Rabbit - Eyes - Mild irritant**

## Section 11. Toxicological information

(epichlorohydrin); epoxy resin  
butan-1-ol

Amount/concentration applied: 100 mg  
**Rabbit - Eyes - Severe irritant**  
Duration of treatment/exposure: 24 hours  
Amount/concentration applied: 2 mg  
**Rabbit - Eyes - Severe irritant**  
Amount/concentration applied: 0.005 MI  
**Rabbit - Eyes - Severe irritant**  
Amount/concentration applied: 1.62 mg  
**Rabbit - Eyes - Cornea opacity**  
 OECD [Acute Eye Irritation/Corrosion]  
Observation period: 7 days  
Irritation score: 2.11  
 Not reversible

### Respiratory corrosion/irritation

Not available.

### Respiratory or skin sensitization

Not available.

### Potential chronic health effects

- General** : May cause damage to organs through prolonged or repeated exposure. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
- Inhalation** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.
- Skin contact** : Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
- Eye contact** : No known significant effects or critical hazards.
- Carcinogenicity** : Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.
- Mutagenicity** : No known significant effects or critical hazards.
- Developmental effects** : No known significant effects or critical hazards.
- Fertility effects** : Suspected of damaging fertility.

### Chronic toxicity

Not available.

### Carcinogenicity

Not available.

**Ingredient name**  
Ethanol

### **Conclusion/Summary**

Removed IARC carcinogen rating of 1 from datalink as that only pertains to alcoholic beverages.

## Section 11. Toxicological information

### Germ cell mutagenicity

Not available.

### Reproductive toxicity

Not available.

### Specific target organ toxicity (single exposure)

**Product/ingredient name**

butan-1-ol

**Result**

SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE (Respiratory tract irritation) - Category 3

### Specific target organ toxicity (repeated exposure)

**Product/ingredient name**

xylene

reaction product: bisphenol-A-  
(epichlorohydrin); epoxy resin  
ethylbenzene

**Result**

SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 2  
SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 2  
SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 2

### Aspiration hazard

Not available.

### Numerical measures of toxicity

#### Acute toxicity estimates

Route	ATE value
Oral	5599.5 mg/kg
Dermal	13784.46 mg/kg
Inhalation (vapours)	550 mg/l

## Section 12. Ecological information

**Ecotoxicity** : This material is toxic to aquatic life with long lasting effects.

### Aquatic and terrestrial toxicity

**Product/ingredient name**

ethanol

**Result**

**Acute - LC50 - Marine water**

Fish - Bleak - *Alburnus alburnus*

Size: 8 to 10 cm

11 g/l [96 hours]

Effect: Mortality

-

**Acute - EC50 - Marine water**

Algae - Green algae - *Ulva pertusa*

17.921 mg/l [96 hours]

Effect: Reproduction

-

**Chronic - NOEC - Marine water**

## Section 12. Ecological information

	Algae - Green algae - <i>Ulva pertusa</i> 4.995 mg/l [96 hours] <u>Effect</u> : Reproduction
-	<b>Chronic - NOEC - Fresh water</b> Daphnia - Water flea - <i>Daphnia magna</i> - Neonate <u>Age</u> : <24 hours 100 µl/l [21 days] <u>Effect</u> : Mortality
-	<b>Acute - EC50 - Fresh water</b> Daphnia - Water flea - <i>Daphnia magna</i> 2 mg/l [48 hours] <u>Effect</u> : Intoxication
xylene	<b>Acute - LC50 - Fresh water</b> Fish - Fathead minnow - <i>Pimephales promelas</i> <u>Age</u> : 31 days; <u>Size</u> : 18.4 mm; <u>Weight</u> : 0.077 g 13.4 mg/l [96 hours] <u>Effect</u> : Mortality
-	<b>EC50</b> Crustaceans - <i>Penaeus monodon</i> 3.82 mg/l [48 hours]
reaction product: bisphenol-A- (epichlorohydrin); epoxy resin	<b>LC50</b> Fish 2 mg/l [96 hours]
-	<b>EC50</b> Daphnia 1.8 mg/l [48 hours]
-	<b>EC50</b> Algae 11 mg/l [72 hours]
ethylbenzene	<b>Acute - LC50 - Marine water</b> Crustaceans - Brine shrimp - <i>Artemia sp.</i> - Nauplii <u>Age</u> : 2 to 3 13.3 mg/l [48 hours] <u>Effect</u> : Mortality
-	<b>Acute - EC50 - Fresh water</b> Algae - Green algae - <i>Raphidocelis subcapitata</i> 3600 µg/l [96 hours] <u>Effect</u> : Population
butan-1-ol	<b>Acute - LC50 - Fresh water</b> Fish - Fathead minnow - <i>Pimephales promelas</i> <u>Age</u> : 33 days; <u>Size</u> : 20.6 mm; <u>Weight</u> : 0.119 g 1730 mg/l [96 hours] <u>Effect</u> : Mortality
-	<b>Acute - EC50 - Fresh water</b> Daphnia - Water flea - <i>Daphnia magna</i> <u>Age</u> : 6 to 24 hours 1983 mg/l [48 hours] <u>Effect</u> : Intoxication

### Persistence and degradability

## Section 12. Ecological information

Product/ingredient name	Result
xylene	OECD 301 F 90% [28 days]

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
xylene	-	-	Readily

### Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
dimethyl ether	0.07	-	Low
ethanol	-0.35	-	Low
xylene	3.12	8.1 to 25.9	Low
reaction product: bisphenol-A-(epichlorohydrin); epoxy resin	2.64 to 3.78	31	Low
trizinc bis(orthophosphate)	-	60960	High
ethylbenzene	3.6	-	Low
butan-1-ol	1	-	Low

### Mobility in soil

**Soil/water partition coefficient** : Not available.

### Other adverse effects






No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Do not puncture or incinerate container.

## Section 14. Transport information

## Section 14. Transport information

	New Zealand Class (5433)	IMDG	IATA
UN number	UN1950	UN1950	UN1950
UN proper shipping name	AEROSOLS	AEROSOLS	Aerosols, flammable
Transport hazard class(es)	2.1  	2.1  	2.1 
Packing group	-	-	-
Environmental hazards	Yes.	Yes.	Yes. The environmentally hazardous substance mark is not required.

### Additional information

- New Zealand** : The marine pollutant mark is not required when transported by rail.
- IMDG** : The marine pollutant mark is not required when transported in sizes of ≤5 L or ≤5 kg.
- IATA** : The environmentally hazardous substance mark may appear if required by other transportation regulations.
- Hazchem code** : Not available.

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

**Transport in bulk according to IMO instruments** : Not available.

The actual shipping description for this product may vary based several factors including, but not limited to, the volume of material, size of the container, mode of transport and use of exemptions or exceptions found in the applicable regulations. The information provided in Section 14 is one possible shipping description for this product. Consult your shipping specialist or supplier for appropriate assignment information.

## Section 15. Regulatory information

- HSNO Approval Number** : HSR002517
- HSNO Group Standard** : Aerosols (Flammable, Carcinogenic) Group Standard 2020
- HSNO Classification** : AEROSOLS - Category 1  
 EYE IRRITATION - Category 2  
 SKIN SENSITISATION - Category 1  
 CARCINOGENICITY - Category 2  
 REPRODUCTIVE TOXICITY - Category 2  
 SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 2  
 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2

## Section 16. Other information

### History

<b>Date of issue</b>	: 14 April 2026
<b>Version</b>	: 2.11
<b>Prepared by</b>	Product stewardship and regulatory compliance.
<b>Key to abbreviations</b>	: ACGIH = Association Advancing Occupational and Environmental Health ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals HSWA = Health and Safety at Work Act 2015 IATA = International Air Transport Association IBC = Intermediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) TLV = Threshold Limit Value WES = Workplace Exposure Standards

▣ Indicates information that has changed from previously issued version.

### Notice to reader

This product is intended for industrial use only.

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