

## SAFETY DATA SHEET

### Section 1. Identification

**Product identifier** : U7310  
**Product name** : EP HAERTER KURZ  
**Other means of identification** : 4024669635720  
**Date of issue** : 29 March 2026  
**Version** : 2.1

#### 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** : FLAMMABLE LIQUIDS - Category 3  
ACUTE TOXICITY (oral) - Category 4  
SKIN IRRITATION - Category 2  
SERIOUS EYE DAMAGE - Category 1  
CARCINOGENICITY - Category 2  
REPRODUCTIVE TOXICITY - Category 2  
SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE (Respiratory tract irritation) - Category 3  
SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 2

#### GHS label elements

**Symbol**



**Signal word**

: Danger

## Section 2. Hazards identification

**Hazard statements** : Flammable liquid and vapour.  
 Harmful if swallowed.  
 Causes skin irritation.  
 Causes serious eye damage.  
 May cause respiratory irritation.  
 Suspected of causing cancer.  
 Suspected of damaging fertility or the unborn child.  
 May cause damage to organs through prolonged or repeated exposure.

### 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. Use only outdoors or in a well-ventilated area. Do not breathe vapour. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Wear protective gloves, protective clothing and eye or face protection.

**Response** : IF exposed or concerned: Get medical advice or attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell. IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell. Rinse mouth. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. IF ON SKIN: Wash with plenty of water. If skin irritation 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. Immediately call a POISON CENTER or doctor.

**Storage** : Store locked up. Store in a well-ventilated place. Keep container tightly closed.

**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
butan-1-ol	30 - <60	71-36-3
xylene	10 - <30	1330-20-7
Isopropyl alcohol	3 - <5	67-63-0
ethylbenzene	3 - <5	100-41-4
2,4,6-tris(dimethylaminomethyl)phenol	1 - <3	90-72-2
resorcinol	1 - <3	108-46-3

**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** : Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. 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. 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. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Ingestion** : Get medical attention immediately. Call a poison center or physician. 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. Chemical burns must be treated promptly by a physician. 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** : Get medical attention immediately. Call a poison center or physician. Wash contaminated skin with 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. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Eye contact** : Get medical attention immediately. Call a poison center or physician. 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. Chemical burns must be treated promptly by a physician.

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

#### Potential acute health effects

- Inhalation** : May cause respiratory irritation.
- Ingestion** : Harmful if swallowed.
- Skin contact** : Causes skin irritation.
- Eye contact** : Causes serious eye damage.

#### Over-exposure signs/symptoms

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

## Section 4. First aid measures

- Ingestion** : Adverse symptoms may include the following:  
stomach pains  
reduced foetal weight  
increase in foetal deaths  
skeletal malformations
- Skin** : Adverse symptoms may include the following:  
pain or irritation  
redness  
blistering may occur  
reduced foetal weight  
increase in foetal deaths  
skeletal malformations
- Eyes** : Adverse symptoms may include the following:  
pain  
watering  
redness

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

- Specific treatments** : Not available.
- Notes to physician** : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. 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 dry chemical, CO<sub>2</sub>, water spray (fog) or foam.
- Not suitable** : Do not use water jet.
- Specific hazards arising from the chemical** : Flammable liquid and vapour. 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.
- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
nitrogen oxides
- Hazchem code** : •3Y
- 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).

### 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 spilt 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). 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. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. 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. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected 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. Separate from oxidising materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. 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

Ingredient name	Exposure limits
butan-1-ol	<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> .
xylene	<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> .
Isopropyl alcohol	<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: 983 mg/m <sup>3</sup> . WES-STEL 15 minutes: 1230 mg/m <sup>3</sup> . WES-STEL 15 minutes: 500 ppm.
ethylbenzene	<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.
resorcinol	<b>HSWA 2015 - HSW (GRWM) 2016. Workplace exposure standards (WES) (New Zealand, 11/2023)</b> WES-TWA 8 hours: 10 ppm. WES-TWA 8 hours: 45 mg/m <sup>3</sup> . WES-STEL 15 minutes: 90 mg/m <sup>3</sup> . WES-STEL 15 minutes: 20 ppm.

**Appropriate engineering controls** : Use only with adequate ventilation. 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. 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 and/or face shield. If inhalation hazards exist, a full-face respirator may be required instead.
- 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** : Red.
- Odour** : Not available.
- Odour threshold** : Not available.
- pH** : Not applicable.
- Melting point** : Technically not possible to measure
- Boiling point** : 66 to 142°C (150.8 to 287.6°F)
- Flash point** : Closed cup: 23°C (73.4°F)
- Evaporation rate** : Not available.
- Flammability (solid, gas)** : Not available.
- Lower and upper explosive (flammable) limits** : Lower: 1%  
Upper: 11.3%
- Vapour pressure** : 0.79 kPa (5.92 mm Hg)
- Vapour density** : Not available.
- Density** : 0.891 g/cm<sup>3</sup>
- Solubility(ies)** :  
Not available.
- Partition coefficient: n-octanol/water** : Not applicable.
- Auto-ignition temperature** : 355°C (671°F)

## Section 9. Physical and chemical properties

<b>Decomposition temperature</b>	: Not applicable.
<b>Viscosity</b>	: Dynamic (room temperature): 20 mPa·s (20 cP) Kinematic (room temperature): 23 mm <sup>2</sup> /s (23 cSt) Kinematic (40°C (104°F)): 13.9 mm <sup>2</sup> /s (13.9 cSt)
<b>Flow time (ISO 2431)</b>	: 23 s (room temperature) [Jet diameter: 4 mm]

## 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). Do not pressurise, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.
<b>Incompatible materials</b>	: Reactive or incompatible with the following materials: oxidising materials
<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>	: May cause respiratory irritation.
<b>Ingestion</b>	: Harmful if swallowed.
<b>Skin contact</b>	: Causes skin irritation.
<b>Eye contact</b>	: Causes serious eye damage.

### 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: stomach pains reduced foetal weight increase in foetal deaths skeletal malformations
<b>Skin contact</b>	: Adverse symptoms may include the following: pain or irritation redness blistering may occur reduced foetal weight increase in foetal deaths skeletal malformations

## Section 11. Toxicological information

**Eye contact** : Adverse symptoms may include the following:  
 pain  
 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
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> 24000 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]
Isopropyl alcohol	<b>Rabbit - Dermal - LD50</b> 12800 mg/kg
-	<b>Rat - Oral - LD50</b> 5000 mg/kg <u>Toxic effects:</u> Behavioral - General anesthetic
-	<b>Rat - Male, Female - Inhalation - LC50 Vapour</b> 37.5 mg/l [4 hours] OECD 403
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
2,4,6-tris(dimethylaminomethyl)phenol	<b>Rat - Oral - LD50</b> 1200 mg/kg <u>Toxic effects:</u> Peripheral Nerve and Sensation - Flaccid paralysis without anesthesia (usually neuromuscular blockage) Lung, Thorax, or Respiration - Dyspnea
-	<b>Rat - Dermal - LD50</b> 1280 mg/kg
resorcinol	<b>Rabbit - Dermal - LD50</b> 3360 mg/kg <u>Toxic effects:</u> Skin After topical exposure - Primary irritation Gross Metabolite Changes - Weight loss or decreased weight gain

## Section 11. Toxicological information

-	<b>Rat - Oral - LD50</b> 202 mg/kg
<b><u>Skin corrosion/irritation</u></b>	
<b>Product/ingredient name</b>	<b>Result</b>
butan-1-ol	<b>Rabbit - Skin - Moderate irritant</b> <u>Duration of treatment/exposure:</u> 24 hours <u>Amount/concentration applied:</u> 20 mg
xylene	<b>Rat - Skin - Mild irritant</b> <u>Duration of treatment/exposure:</u> 8 hours <u>Amount/concentration applied:</u> 60 uL
-	<b>Rabbit - Skin - Moderate irritant</b> <u>Duration of treatment/exposure:</u> 24 hours <u>Amount/concentration applied:</u> 500 mg
-	<b>Rabbit - Skin - Moderate irritant</b> <u>Amount/concentration applied:</u> 100 %
Isopropyl alcohol	<b>Rabbit - Skin - Mild irritant</b> <u>Amount/concentration applied:</u> 500 mg
ethylbenzene	<b>Rabbit - Skin - Mild irritant</b> <u>Duration of treatment/exposure:</u> 24 hours <u>Amount/concentration applied:</u> 15 mg
2,4,6-tris(dimethylaminomethyl)phenol	<b>Rat - Skin - Mild irritant</b> <u>Amount/concentration applied:</u> 0.025 MI
-	<b>Rat - Skin - Severe irritant</b> <u>Amount/concentration applied:</u> 0.25 MI
-	<b>Rabbit - Skin - Severe irritant</b> <u>Duration of treatment/exposure:</u> 24 hours <u>Amount/concentration applied:</u> 2 mg
-	<b>Rabbit - Skin - Severe irritant</b> <u>Duration of treatment/exposure:</u> 24 hours <u>Amount/concentration applied:</u> 500 uL
resorcinol	<b>Rabbit - Skin - Moderate irritant</b> <u>Duration of treatment/exposure:</u> 24 hours <u>Amount/concentration applied:</u> 20 mg
-	<b>Rabbit - Skin - Severe irritant</b> <u>Amount/concentration applied:</u> 500 mg

### **Serious eye damage/eye irritation**

<b>Product/ingredient name</b>	<b>Result</b>
butan-1-ol	<b>Rabbit - Eyes - Severe irritant</b> <u>Duration of treatment/exposure:</u> 24 hours <u>Amount/concentration applied:</u> 2 mg
-	<b>Rabbit - Eyes - Severe irritant</b> <u>Amount/concentration applied:</u> 0.005 MI
-	<b>Rabbit - Eyes - Severe irritant</b> <u>Amount/concentration applied:</u> 1.62 mg
-	<b>Rabbit - Eyes - Cornea opacity</b> OECD [Acute Eye Irritation/Corrosion]

## Section 11. Toxicological information

	<p>Observation period: 7 days  Irritation score: 2.11  Not reversible</p>
xylene	<p><b>Rabbit - Eyes - Mild irritant</b>  Amount/concentration applied: 87 mg</p>
-	<p><b>Rabbit - Eyes - Severe irritant</b>  Duration of treatment/exposure: 24 hours  Amount/concentration applied: 5 mg</p>
Isopropyl alcohol	<p><b>Rabbit - Eyes - Moderate irritant</b>  Duration of treatment/exposure: 24 hours  Amount/concentration applied: 100 mg</p>
-	<p><b>Rabbit - Eyes - Moderate irritant</b>  Amount/concentration applied: 10 mg</p>
-	<p><b>Rabbit - Eyes - Severe irritant</b>  Amount/concentration applied: 100 mg</p>
2,4,6-tris(dimethylaminomethyl)phenol	<p><b>Rabbit - Eyes - Severe irritant</b>  Duration of treatment/exposure: 24 hours  Amount/concentration applied: 50 ug</p>
resorcinol	<p><b>Rabbit - Eyes - Severe irritant</b>  Amount/concentration applied: 100 mg</p>
-	<p><b>Rabbit - Eyes - Severe irritant</b>  Amount/concentration applied: 100 mg</p>

### Respiratory corrosion/irritation

Not available.

### Respiratory or skin sensitization

Not available.

### Potential chronic health effects

<b>General</b>	: May cause damage to organs through prolonged or repeated 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>	: No known significant effects or critical hazards.
<b>Eye contact</b>	: No known significant effects or critical hazards.
<b>Carcinogenicity</b>	: Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.
<b>Mutagenicity</b>	: No known significant effects or critical hazards.
<b>Developmental effects</b>	: No known significant effects or critical hazards.
<b>Fertility effects</b>	: Suspected of damaging fertility.

### Chronic toxicity

Not available.

### Carcinogenicity

## Section 11. Toxicological information

Not available.

### 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

#### Result

SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 2

ethylbenzene

SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 2

### Aspiration hazard

#### Product/ingredient name

Isopropyl alcohol

#### Result

ASPIRATION HAZARD - Category 1

### Numerical measures of toxicity

#### Acute toxicity estimates

Route	ATE value
Oral	1186.61 mg/kg
Dermal	5740.2 mg/kg
Inhalation (vapours)	257.05 mg/l

## Section 12. Ecological information

**Ecotoxicity** : No known significant effects or critical hazards.

### Aquatic and terrestrial toxicity

#### Product/ingredient name

butan-1-ol

#### Result

##### Acute - LC50 - Fresh water

Fish - Fathead minnow - *Pimephales promelas*  
Age: 33 days; Size: 20.6 mm; Weight: 0.119 g  
 1730 mg/l [96 hours]

Effect: Mortality

##### Acute - EC50 - Fresh water

Daphnia - Water flea - *Daphnia magna*  
Age: 6 to 24 hours

## Section 12. Ecological information

xylene	1983 mg/l [48 hours] <u>Effect:</u> Intoxication <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]
Isopropyl alcohol	<b>Acute - LC50 - Marine water</b> Crustaceans - Common shrimp, sand shrimp - <i>Crangon crangon</i> 1400 mg/l [48 hours] <u>Effect:</u> Mortality
-	<b>Acute - LC50 - Fresh water</b> Fish - Harlequinfish, red rasbora - <i>Rasbora heteromorpha</i> <u>Size:</u> 1 to 3 cm 4200 mg/l [96 hours] <u>Effect:</u> Mortality
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
resorcinol	<b>Acute - LC50 - Marine water</b> US EPA Crustaceans - Daggerblade grass shrimp - <i>Palaemon pugio</i> 78 mg/l [48 hours] <u>Effect:</u> Mortality
-	<b>Acute - LC50 - Fresh water</b> Fish - Fathead minnow - <i>Pimephales promelas</i> - Juvenile (Fledgling, Hatchling, Weanling) <u>Weight:</u> 0.2 to 0.5 g 40 mg/l [96 hours] <u>Effect:</u> Mortality

### Persistence and degradability

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

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

## Section 12. Ecological information

### Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
butan-1-ol	1	-	Low
xylene	3.12	8.1 to 25.9	Low
Isopropyl alcohol	0.05	-	Low
ethylbenzene	3.6	-	Low
2,4,6-tris (dimethylaminomethyl)	0.219	-	Low
phenol			
resorcinol	0.8	3.16	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. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapour from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spill material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	New Zealand Class (5433)	IMDG	IATA
<b>UN number</b>	UN1263	UN1263	UN1263
<b>UN proper shipping name</b>	PAINT RELATED MATERIAL	PAINT RELATED MATERIAL	PAINT RELATED MATERIAL
<b>Transport hazard class(es)</b>	3 	3 	3 

## Section 14. Transport information

<b>Packing group</b>	III	III	III
<b>Environmental hazards</b>	No.	No.	No.

### Additional information

**New Zealand** : **Hazchem code** •3Y  
**Hazchem code** : •3Y

**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** : HSR002669  
**HSNO Group Standard** : Surface Coatings and Colourants (Flammable, Carcinogenic) Group Standard 2020  
**HSNO Classification** : FLAMMABLE LIQUIDS - Category 3  
 ACUTE TOXICITY (oral) - Category 4  
 SKIN IRRITATION - Category 2  
 SERIOUS EYE DAMAGE - Category 1  
 CARCINOGENICITY - Category 2  
 REPRODUCTIVE TOXICITY - Category 2  
 SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE (Respiratory tract irritation) - Category 3  
 SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 2

## Section 16. Other information

### History

**Date of issue** : 29 March 2026  
**Version** : 2.1  
**Prepared by** : Product stewardship and regulatory compliance.  
**Key to abbreviations** : 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

## Section 16. Other information

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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