



# SAFETY DATA SHEET

## 1. Identification

<b>Product identifier</b>	<b>Red Urethane RTL (Australia)</b>	
<b>Other means of identification</b>		
<b>Product Code</b>	No. R0513 (Item# 1007762)	
<b>Recommended use of the chemical and restrictions on use</b>		
<b>Recommended use</b>	Electrical coating.	
<b>Restrictions on use</b>	Not available.	
<b>Details of manufacturer or importer</b>		
<b>Manufacturer</b>		
<b>Company name</b>	CRC Industries Australia Pty. Ltd.	
<b>Address</b>	9 Gladstone Road Castle Hill, NSW 2154 Australia	
<b>Telephone</b>	1800 224 227	Technical Assistance
<b>Website</b>	www.crcindustries.com.au	
<b>E-mail</b>	info@crcind.com.au	
<b>Emergency phone number</b>	13 11 26	ChemAlert

## 2. Hazard(s) identification

### Classification of the hazardous chemical

<b>Physical hazards</b>	Flammable liquids	Category 2
<b>Health hazards</b>	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2A
	Sensitization, skin	Category 1
	Carcinogenicity	Category 2
	Reproductive toxicity (fertility, the unborn child)	Category 2
	Specific target organ toxicity, single exposure	Category 3 narcotic effects
	Specific target organ toxicity, repeated exposure	Category 2
	Aspiration hazard	Category 1
<b>Environmental hazards</b>	Hazardous to the aquatic environment, acute hazard	Category 2
	Hazardous to the aquatic environment, long-term hazard	Category 3

### Label elements, including precautionary statements

#### Hazard symbol(s)



Flame

Health hazard

Exclamation mark

#### Signal word

Danger

#### Hazard statement(s)

Highly flammable liquid and vapor. May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause drowsiness or dizziness. 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. Harmful to aquatic life with long lasting effects.

### Precautionary statement(s)

#### Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing vapors. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/eye protection/face protection. Avoid release to the environment.

#### Response

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. 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/attention. IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. IF exposed or concerned: Get medical advice/attention. In case of fire: Do not use water jet as an extinguisher, as this will spread the fire. Collect spillage.

#### Storage

Store in a well-ventilated place. Keep cool. Store locked up.

#### Disposal

Dispose of contents/container in accordance with local/regional/national regulations.

#### Other hazards which do not result in classification

Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.

#### Supplemental information

None.

## 3. Composition/information on ingredients

### Mixture

Identity of chemical ingredients	CAS number and other unique identifiers	Concentration of ingredients
acetone	67-64-1	30 - 40
naphtha (petroleum), hydrotreated light	64742-49-0	10 - 20
xylene	1330-20-7	10 - 20
2-methylpentane	107-83-5	5 - 10
ethylbenzene	100-41-4	3 - 5
naphtha (petroleum), hydrodesulfurized heavy	64742-82-1	< 1
naphtha (petroleum), hydrotreated heavy	64742-48-9	< 1
stoddard solvent	8052-41-3	< 1
tris(nonylphenyl) phosphite	26523-78-4	< 0.2

## 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. Call a POISON CENTER or doctor/physician if you feel unwell.

#### Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. Wash contaminated clothing before reuse.

#### Eye contact

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

#### Ingestion

Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

#### Personal protection for first-aid responders

Take off all contaminated clothing immediately. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

#### Symptoms caused by exposure

Dermatitis. Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Irritation of nose and throat. Skin irritation. Rash. May cause redness and pain. May cause an allergic skin reaction. Prolonged exposure may cause chronic effects.

**Medical attention and special treatment** Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

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## 5. Fire-fighting measures

### Extinguishing media

**Suitable extinguishing media** Water fog. Alcohol resistant foam. Carbon dioxide (CO<sub>2</sub>). Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.

**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

### Specific hazards arising from the chemical

Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. To reduce potential for static discharge, use proper bonding and grounding procedures. This liquid may accumulate static electricity when filling properly grounded containers. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants. Material will float and may ignite on surface of water.

### Special protective equipment and precautions for fire fighters

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

### Fire fighting equipment/instructions

In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

### Hazchem code

None.

### General fire hazards

Highly flammable liquid and vapor.

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## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing vapors. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental contamination. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

#### For emergency responders

Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Use personal protection recommended in Section 8 of the SDS.

### Environmental precautions

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Use appropriate containment to avoid environmental contamination.

### Methods and materials for containment and cleaning up

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools. This product is miscible in water. Prevent product from entering drains.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

## 7. Handling and storage

### Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Explosion-proof general and local exhaust ventilation. Minimize fire risks from flammable and combustible materials (including combustible dust and static accumulating liquids) or dangerous reactions with incompatible materials. Handling operations that can promote accumulation of static charges include but are not limited to: mixing, filtering, pumping at high flow rates, splash filling, creating mists or sprays, tank and container filling, tank cleaning, sampling, gauging, switch loading, vacuum truck operations. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Avoid breathing vapors. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices. For product usage instructions, see the product label.

### Conditions for safe storage, including any incompatibilities

Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Eliminate sources of ignition. Avoid spark promoters. Ground/bond container and equipment. These alone may be insufficient to remove static electricity. Store in a cool, dry place out of direct sunlight. Keep container tightly closed. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls and personal protection

### Control parameters

Follow standard monitoring procedures.

### Occupational exposure limits

#### Australia. National Workplace OELs (Workplace Exposure Standards for Airborne Contaminants, Appendix A)

Components	Type	Value
2-methylpentane (CAS 107-83-5)	STEL	3500 mg/m <sup>3</sup>
		1000 ppm
	TWA	1760 mg/m <sup>3</sup>
acetone (CAS 67-64-1)		500 ppm
	STEL	2375 mg/m <sup>3</sup>
	TWA	1185 mg/m <sup>3</sup>
ethylbenzene (CAS 100-41-4)		500 ppm
	STEL	543 mg/m <sup>3</sup>
	TWA	125 ppm
naphtha (petroleum), hydrodesulfurized heavy (CAS 64742-82-1)		434 mg/m <sup>3</sup>
	TWA	100 ppm
		790 mg/m <sup>3</sup>
stoddard solvent (CAS 8052-41-3)	TWA	790 mg/m <sup>3</sup>
	STEL	655 mg/m <sup>3</sup>
		150 ppm
xylene (CAS 1330-20-7)	TWA	350 mg/m <sup>3</sup>
		80 ppm

#### Australia. OELs. (Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment)

Components	Type	Value
2-methylpentane (CAS 107-83-5)	STEL	3500 mg/m <sup>3</sup>
		1000 ppm

**Australia. OELs. (Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment)**

Components	Type	Value
	TWA	1760 mg/m <sup>3</sup>
		500 ppm
acetone (CAS 67-64-1)	STEL	2375 mg/m <sup>3</sup>
		1000 ppm
	TWA	1185 mg/m <sup>3</sup>
		500 ppm
ethylbenzene (CAS 100-41-4)	STEL	543 mg/m <sup>3</sup>
		125 ppm
	TWA	434 mg/m <sup>3</sup>
		100 ppm
naphtha (petroleum), hydrodesulfurized heavy (CAS 64742-82-1)	TWA	790 mg/m <sup>3</sup>
stoddard solvent (CAS 8052-41-3)	TWA	790 mg/m <sup>3</sup>
xylene (CAS 1330-20-7)	STEL	655 mg/m <sup>3</sup>
		150 ppm
	TWA	350 mg/m <sup>3</sup>
		80 ppm

**US. ACGIH Threshold Limit Values**

Components	Type	Value
2-methylpentane (CAS 107-83-5)	STEL	1000 ppm
	TWA	500 ppm
acetone (CAS 67-64-1)	STEL	500 ppm
	TWA	250 ppm
ethylbenzene (CAS 100-41-4)	TWA	20 ppm
naphtha (petroleum), hydrodesulfurized heavy (CAS 64742-82-1)	TWA	100 ppm
stoddard solvent (CAS 8052-41-3)	TWA	100 ppm
xylene (CAS 1330-20-7)	STEL	150 ppm
	TWA	100 ppm

**UK. EH40 Workplace Exposure Limits (WELs)**

Components	Type	Value
acetone (CAS 67-64-1)	STEL	3620 mg/m <sup>3</sup>
		1500 ppm
	TWA	1210 mg/m <sup>3</sup>
		500 ppm
ethylbenzene (CAS 100-41-4)	STEL	552 mg/m <sup>3</sup>
		125 ppm
	TWA	441 mg/m <sup>3</sup>
		100 ppm

**UK. EH40 Workplace Exposure Limits (WELs)**

Components	Type	Value
xylene (CAS 1330-20-7)	STEL	441 mg/m <sup>3</sup>
		100 ppm
	TWA	220 mg/m <sup>3</sup>
		50 ppm

**Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG)**

Components	Type	Value
2-methylpentane (CAS 107-83-5)	TWA	1800 mg/m <sup>3</sup>
		500 ppm
acetone (CAS 67-64-1)	TWA	1200 mg/m <sup>3</sup>
		500 ppm
ethylbenzene (CAS 100-41-4)	TWA	88 mg/m <sup>3</sup>
		20 ppm
naphtha (petroleum), hydrotreated heavy (CAS 64742-48-9)	TWA	300 mg/m <sup>3</sup>
		50 ppm
xylene (CAS 1330-20-7)	TWA	440 mg/m <sup>3</sup>
		100 ppm

**Biological limit values****Germany. TRGS 903, BAT List (Biological Limit Values)**

Components	Value	Determinant	Specimen	Sampling Time
acetone (CAS 67-64-1)	80 mg/l	Aceton	Urine	*
ethylbenzene (CAS 100-41-4)	250 mg/g	Mandelsäure plus Phenylglyoxylsäure	Creatinine in urine	*
xylene (CAS 1330-20-7)	2000 mg/l	Methylhippur-(Tolur-)säure (alle Isomere)	Urine	*
	1.5 mg/l	Xylol	Blood	*

\* - For sampling details, please see the source document.

**ACGIH Biological Exposure Indices**

Components	Value	Determinant	Specimen	Sampling Time
acetone (CAS 67-64-1)	25 mg/l	Acetone	Urine	*
ethylbenzene (CAS 100-41-4)	0.15 g/g	Sum of mandelic acid and phenylglyoxylic acid	Creatinine in urine	*
xylene (CAS 1330-20-7)	1.5 g/g	Methylhippuric acids	Creatinine in urine	*

\* - For sampling details, please see the source document.

**Appropriate engineering controls**

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower should be available when handling this product.

**Individual protection measures, for example personal protective equipment (PPE)****Eye/face protection**

Wear safety glasses with side shields (or goggles).

<b>Skin protection</b>	
<b>Hand protection</b>	Wear protective gloves such as: Nitrile. Rubber. Polyvinyl alcohol (PVA).
<b>Other</b>	Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.
<b>Respiratory protection</b>	If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use a NIOSH-approved cartridge respirator with an organic vapor cartridge. Use a self-contained breathing apparatus in confined spaces and for emergencies. Air monitoring is needed to determine actual employee exposure levels.
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.
<b>Hygiene measures</b>	When using, do not eat, drink or smoke. Contaminated work clothing should not be allowed out of the workplace. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

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## 9. Physical and chemical properties

### Appearance

<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Color</b>	Red
<b>Odor</b>	Solvent.
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point/freezing point</b>	-244.7 °F (-153.7 °C) estimated
<b>Initial boiling point and boiling range</b>	118.4 °F (48 °C) estimated
<b>Flash point</b>	-22 °F (-30 °C) estimated
<b>Evaporation rate</b>	Fast.
<b>Flammability (solid, gas)</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	0.7 % estimated
<b>Flammability limit - upper (%)</b>	12.8 % estimated
<b>Vapor pressure</b>	151.3 hPa estimated
<b>Vapor density</b>	> 1 (air=1)
<b>Relative density</b>	0.84
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Slightly soluble.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	446 °F (230 °C) estimated
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Other physical and chemical parameters</b>	
<b>Percent volatile</b>	50.7 % estimated

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## 10. Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to avoid</b>	Avoid heat, sparks, open flames and other ignition sources. Contact with incompatible materials.
<b>Incompatible materials</b>	Strong acids. Strong bases. Strong oxidizing agents. Aldehydes. Alkalies. Amines. Ammonia. Halogens. Peroxides. Reducing agents.

**Hazardous decomposition products** Carbon oxides. Hydrocarbons.

## 11. Toxicological information

### Information on possible routes of exposure

**Inhalation** May cause drowsiness and dizziness. Headache. Nausea, vomiting. May cause damage to organs through prolonged or repeated exposure by inhalation.

**Skin contact** Causes skin irritation. May cause an allergic skin reaction.

**Eye contact** Causes serious eye irritation.

**Ingestion** May be fatal if swallowed and enters airways. Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

**Symptoms related to exposure** Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Irritation of nose and throat. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.

**Acute toxicity** May be fatal if swallowed and enters airways. Narcotic effects. May cause allergic skin reaction.

Components	Species	Test Results
acetone (CAS 67-64-1)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	> 15800 mg/kg 20000 mg/kg
<b>Inhalation</b>		
LC50	Rat	76 mg/l, 4 Hours
<b>Oral</b>		
LD50	Rat	5800 mg/kg
ethylbenzene (CAS 100-41-4)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	15400 mg/kg
<b>Oral</b>		
LD50	Rat	3500 mg/kg
naphtha (petroleum), hydrodesulfurized heavy (CAS 64742-82-1)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rat	> 3160 mg/kg
<b>Inhalation</b>		
LC50	Rat	> 12 mg/l, 4 hours
<b>Oral</b>		
LD50	Rat	> 5000 mg/kg
naphtha (petroleum), hydrotreated heavy (CAS 64742-48-9)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	> 2000 mg/kg
<b>Oral</b>		
LD50	Rat	> 5000 mg/kg
naphtha (petroleum), hydrotreated light (CAS 64742-49-0)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	> 2000 mg/kg
<b>Inhalation</b>		
LC50	Rat	61 mg/l, 4 Hours



Components	Species	Test Results
<b>Oral</b>		
LD50	Rat	> 5000 mg/kg
stoddard solvent (CAS 8052-41-3)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	> 3000 mg/kg > 2000 mg/kg
<b>Inhalation</b>		
LC50	Rat	> 5500 mg/m <sup>3</sup> , 4 hours > 5.5 mg/l, 4 hours
<b>Oral</b>		
LD50	Rat	> 5000 mg/kg > 3000 mg/kg
xylene (CAS 1330-20-7)		
<b>Acute</b>		
<b>Oral</b>		
LD50	Rat	3500 mg/kg

\* Estimates for product may be based on additional component data not shown.

<b>Skin corrosion/irritation</b>	Causes skin irritation.
<b>Serious eye damage/irritation</b>	Causes serious eye irritation.
<b>Respiratory or skin sensitization</b>	
<b>Respiratory sensitization</b>	Not a respiratory sensitizer.
<b>Skin sensitization</b>	May cause an allergic skin reaction.
<b>Germ cell mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
<b>Carcinogenicity</b>	Suspected of causing cancer.
<b>ACGIH Carcinogens</b>	
acetone (CAS 67-64-1)	A4 Not classifiable as a human carcinogen.
ethylbenzene (CAS 100-41-4)	A3 Confirmed animal carcinogen with unknown relevance to humans.
xylene (CAS 1330-20-7)	A4 Not classifiable as a human carcinogen.
<b>IARC Monographs. Overall Evaluation of Carcinogenicity</b>	
ethylbenzene (CAS 100-41-4)	2B Possibly carcinogenic to humans.
naphtha (petroleum), hydrodesulfurized heavy (CAS 64742-82-1)	3 Not classifiable as to carcinogenicity to humans.
stoddard solvent (CAS 8052-41-3)	3 Not classifiable as to carcinogenicity to humans.
xylene (CAS 1330-20-7)	3 Not classifiable as to carcinogenicity to humans.
<b>Reproductive toxicity</b>	Suspected of damaging fertility. Suspected of damaging the unborn child.
<b>Specific target organ toxicity - single exposure</b>	May cause drowsiness and dizziness.
<b>Specific target organ toxicity - repeated exposure</b>	May cause damage to organs through prolonged or repeated exposure.
<b>Aspiration hazard</b>	May be fatal if swallowed and enters airways.
<b>Chronic effects</b>	Prolonged exposure may cause chronic effects. May cause damage to organs through prolonged or repeated exposure. Prolonged inhalation may be harmful.

## 12. Ecological information

<b>Ecotoxicity</b>	Toxic to aquatic life. Harmful to aquatic life with long lasting effects. Accumulation in aquatic organisms is expected.
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Product	Species		Test Results
Red Urethane RTL (Australia)			
<b>Aquatic</b>			
<i>Acute</i>			
Crustacea	EC50	Daphnia	3.8863 mg/l, 48 hours estimated
Fish	LC50	Fish	3.4873 mg/l, 96 hours estimated

\* Estimates for product may be based on additional component data not shown.

**Persistence and degradability** No data is available on the degradability of this product.

#### Bioaccumulative potential

##### Partition coefficient n-octanol / water (log Kow)

2-methylpentane	3.74
acetone	-0.24
ethylbenzene	3.15
naphtha (petroleum), hydrodesulfurized heavy	3.16 - 7.15
stoddard solvent	3.16 - 7.15
xylene	3.12 - 3.2

##### Bioconcentration factor (BCF)

ethylbenzene	1
naphtha (petroleum), hydrotreated light	10 - 25000
xylene	23.99

**Mobility in soil** This product is miscible in water.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal considerations

<b>Disposal methods</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national regulations.
<b>Residual waste</b>	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
<b>Contaminated packaging</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

## 14. Transport information

### ADG

<b>UN number</b>	1993
<b>UN proper shipping name</b>	FLAMMABLE LIQUID, N.O.S. (acetone, hexanes)
<b>Transport hazard class(es)</b>	
<b>Class</b>	3
<b>Subsidiary risk</b>	-
<b>Packing group</b>	II
<b>Environmental hazards</b>	Yes
<b>Hazchem code</b>	None.
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.

### IATA

<b>UN number</b>	1993
<b>UN proper shipping name</b>	Flammable liquid, n.o.s. (acetone, hexanes)
<b>Transport hazard class(es)</b>	
<b>Class</b>	3
<b>Subsidiary risk</b>	-
<b>Packing group</b>	II
<b>Environmental hazards</b>	Yes
<b>ERG Code</b>	3H

**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

**Other information**

**Passenger and cargo aircraft** Allowed with restrictions.

**Cargo aircraft only** Allowed with restrictions.

**IMDG**

**UN number** 1993

**UN proper shipping name** FLAMMABLE LIQUID, N.O.S. (acetone, hexanes), MARINE POLLUTANT

**Transport hazard class(es)**

**Class** 3

**Subsidiary risk** -

**Packing group** II

**Environmental hazards**

**Marine pollutant** Yes

**EmS** F-E, S-E

**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not established.

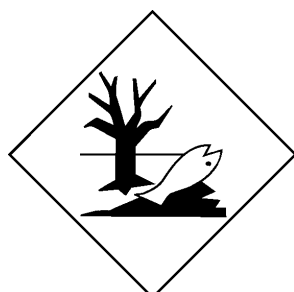
**ADG**



**IATA; IMDG**



**Marine pollutant**



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## 15. Regulatory information

### Safety, health and environmental regulations

#### National regulations

This Safety Data Sheet was prepared in accordance with Australia Model Code of Practice for the preparation of Safety Data Sheets for Hazardous Chemicals (23/12/2011).

#### Australia Medicines & Poisons Appendix A

Poisons schedule number not allocated.

**Australia Medicines & Poisons Appendix B**

Poisons schedule number not allocated.

**Australia Medicines & Poisons Appendix D**

Poisons schedule number not allocated.

**Australia Medicines & Poisons Appendix E**

2-methylpentane (CAS 107-83-5)  
acetone (CAS 67-64-1)  
naphtha (petroleum), hydrotreated heavy (CAS 64742-48-9)  
naphtha (petroleum), hydrotreated light (CAS 64742-49-0)  
stoddard solvent (CAS 8052-41-3)  
xylene (CAS 1330-20-7)

**Australia Medicines & Poisons Appendix F**

acetone (CAS 67-64-1)  
xylene (CAS 1330-20-7)

**Australia Medicines & Poisons Appendix G**

Poisons schedule number not allocated.

**Australia Medicines & Poisons Appendix H**

Poisons schedule number not allocated.

**Australia Medicines & Poisons Appendix I**

xylene (CAS 1330-20-7)

**Australia Medicines & Poisons Appendix J**

Poisons schedule number not allocated.

**Australia Medicines & Poisons Appendix K**

Poisons schedule number not allocated.

**Australia Medicines & Poisons Schedule 10**

Poisons schedule number not allocated.

**Australia Medicines & Poisons Schedule 2**

Poisons schedule number not allocated.

**Australia Medicines & Poisons Schedule 3**

Poisons schedule number not allocated.

**Australia Medicines & Poisons Schedule 4**

Poisons schedule number not allocated.

**Australia Medicines & Poisons Schedule 5**

2-methylpentane (CAS 107-83-5)  
acetone (CAS 67-64-1)  
naphtha (petroleum), hydrodesulfurized heavy (CAS 64742-82-1)  
naphtha (petroleum), hydrotreated heavy (CAS 64742-48-9)  
naphtha (petroleum), hydrotreated light (CAS 64742-49-0)  
stoddard solvent (CAS 8052-41-3)  
xylene (CAS 1330-20-7)

**Australia Medicines & Poisons Schedule 6**

xylene (CAS 1330-20-7)

**Australia Medicines & Poisons Schedule 7**

Poisons schedule number not allocated.

**Australia Medicines & Poisons Schedule 8**

Poisons schedule number not allocated.

**Australia Medicines & Poisons Schedule 9**

Poisons schedule number not allocated.

**Australia National Pollutant Inventory (NPI): Threshold quantity**

acetone (CAS 67-64-1)	10 TONNES/YR Threshold Category: 1
ethylbenzene (CAS 100-41-4)	10 TONNES/YR Threshold Category: 1
xylene (CAS 1330-20-7)	10 TONNES/YR Threshold Category: 1

**High Volume Industrial Chemicals (HVIC)**

acetone (CAS 67-64-1)	1000 - 9999 TONNES See the regulation for additional information.
naphtha (petroleum), hydrodesulfurized heavy (CAS 64742-82-1)	10000 - 99999 TONNES See the regulation for additional information.
naphtha (petroleum), hydrotreated heavy (CAS 64742-48-9)	1000 - 9999 TONNES See the regulation for additional information.

naphtha (petroleum), hydrotreated light (CAS 64742-49-0)  
xylene (CAS 1330-20-7)

1000 - 9999 TONNES See the regulation for additional information.  
10000 - 99999 TONNES See the regulation for additional information.

**Importation of Ozone Deleting Substances (Customs(Prohibited imports) Regulations 1956, Schedule 10)**

Not listed.

**National Pollutant Inventory (NPI) substance reporting list**

Not listed.

**Prohibited Carcinogenic Substances**

Not regulated.

**Prohibited Substances (National Model Regulation for the control of Workplace Hazardous Substances, Schedule 2 NOHSC:1005 (1994) as amended)**

Not listed.

**Restricted Importation of Organochlorine Chemicals (Customs(Prohibited Imports) Regulations 1956, Schedule 9)**

Not listed.

**Restricted Carcinogenic Substances**

Not regulated.

**International regulations**

**Stockholm Convention**

Not applicable.

**Rotterdam Convention**

Not applicable.

**Kyoto protocol**

Not applicable.

**Montreal Protocol**

Not applicable.

**Basel Convention**

Not applicable.

**International Inventories**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

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## 16. Other information

**Issue date**

07-12-2018

**Further information**

CRC # 507A-B/1750506-1002501

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