

Safety Data Sheet according to the Model Work Health and Safety Regulations Issue date:20/07/2018 Revision date:13/07/2021

	e date:20/07/2018 Revision date:13/07/2021 Supersedes: 09/07/2020 Version: 2.1
SECTION 1: Product identifier	
1.1. Product identifier	
Product form	: Mixture
Trade name	: RAPTOR PROTECTIVE COATING - WHITE BASE
Product code	: RLW/200
1.2. Other means of identification	
1.3. Recommended use of the chem	cal and restrictions on use
Recommended use	: Coating
Restrictions on use	: Consumer uses: Private households (= general public = consumers)
1.4. Supplier's details	
Supplier U-POL Australia Pty Limited Unit A, 16 - 20 Cassola Place NSW 2750 Penrith - Australia T 02 4731 2655 - F 02 4731 2611 info@u-pol.co.au - www.u-pol.com	Supplier U-POL New Zealand Limited c/o Lindsay & Associates Unit H, 12 Amera Place, East Tamaki 2013 Manukau City - New Zealand T + 612 4731 2655 - F + 612 4731 2611 info@u-pol.co.nz - www.u-pol.com
1.5. Emergency phone number	
Emergency number	: Australia (CHEMTREC): + (61) - 290372994 ; New Zealand (National Poisons Centre): 0800 764 766
SECTION 2: Hazards identificatio	n
2.1. Classification of the hazardous	chemical
Classification according to the model Wo	rk Health and Safety Regulations (WHS Regulations)
Flammable liquids, Category 2	H225
Skin corrosion/irritation, Category 3	H316
Serious eye damage/eye irritation, Category	2A H319
Skin sensitisation, Category 1	H317
Specific target organ toxicity — Single expose Category 3, Narcosis	sure, H336
2.2. Label elements	
Hazard pictograms (GHS AU)	
Signal word (GHS AU) Contains	: Danger (10, 30, 0) = butul acetate ($< 10, 0$) reaction mass of big(1.2.2.6.6 pontamethyl 4
Contains	 acetone (10 – 30 %); n-butyl acetate (< 10 %); reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate (< 10 %); reaction mass of α-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-hydroxypoly(oxyethylene) and α-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-3-(3-(3H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-3-(3-(3H-benzotriazol-2-yl)-3-tert-butyl-4-hydroxyphenyl)propionyl-ω-3-(3-(3H-benzotriazol-3-(3H-benzotriazol-3-yl)-3-tert-butyl-4-hydroxyphenyl)propionyl-ω-3-(3-(3H-benzotriazol-3-yl)-3-tert-butyl-4-hydroxyphenyl)propionyl-ω-3-(3-(3H-benzotriazol-3-(3H-benzotriazol-3-yhbenzotriazol-3-(3H-benzotriazol-3-(3H-benzotriazol-3-(3H-benzotriazol-3-(3H-benzotriazol-3-(3H-benzotriazol-3-(3H-benzotriazol-3-(3H-benzotriazol-3-(3H-benzotriazol-3-(3H-benzotriazol-3-(3H-benzotriazol-3-(3H-benzotriazol-3-(3H-benzotriazol-3-(3H-benzotriazol-3-(3H-benzotriazol-3-(3H-benzotri
Hazard statements (GHS AU)	 H225 - Highly flammable liquid and vapour H316 - Causes mild skin irritation H317 - May cause an allergic skin reaction H319 - Causes serious eye irritation H336 - May cause drowsiness or dizziness
Precautionary statements (GHS AU)	 P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. heat, open flames, sparks, hot surfaces P261 - Avoid breathing vapours, spray, fume. P264 - Wash hands thoroughly after handling. P280 - Wear protective clothing, protective gloves, face protection. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water . P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention. P403+P235 - Store in a well-ventilated place. Keep cool.

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P501 - Dispose of hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards

SECTION 3: Composition/information on ingredients			
Name	CAS-No.	%	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
acetone ()	67-64-1	10 – 30	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336
n-butyl acetate ()	123-86-4	< 10	Flam. Liq. 3, H226 STOT SE 3, H336
reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate ()	1065336-91-5	< 10	Acute Tox. 5 (Oral), H303 Skin Sens. 1A, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
reaction mass of α -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl- ω -hydroxypoly(oxyethylene) and α -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl- ω -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene) ()		< 10	Skin Sens. 1, H317 Aquatic Chronic 2, H411
Other substances (not contributing to the classification of this product)		93.4 – 96.7	

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general	: Call a poison center or a doctor if you feel unwell.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Rinse skin with water/shower. Take off immediately all contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: 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.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.
4.2. Symptoms caused by exposure	
Symptoms/effects	: May cause drowsiness or dizziness.
Symptoms/effects after skin contact	: Irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Eye irritation.
4.3. Indication of any immediate medica	al attention and special treatment needed
Other medical advice or treatment	: Treat symptomatically.
SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
5.2. Special hazards arising from the su	ibstance or mixture
Fire hazard	: Highly flammable liquid and vapour.
5.3. Special protective equipment and protecti	precautions for fire-fighters
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Hazchem Code	: * 3YE
SECTION 6: Accidental release mea	sures
6.1. Personal precautions, protective e	quipment and emergency procedures
6.1.1. For non-emergency personnel	
Protective equipment	: Safety glasses. Protective clothing. Gloves.
Emergency procedures	: Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing vapours, spray, fume. Avoid contact with skin and eyes.

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6.1.2.	For emergency responders	
Protecti	ve equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
6.2.	Environmental precautions	
Avoid re	elease to the environment.	
6.3.	Methods and material for contain	ent and cleaning up
For con	tainment	: Collect spillage.
Method	s for cleaning up	: Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
SECT	ION 7: Handling and storage	
7.1.	Precautions for safe handling	
Precaut	ions for safe handling	: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing vapours, spray, fume. Avoid contact with skin and eyes.
Hygiene	emeasures	: Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2.	Conditions for safe storage, inclu	ing any incompatibilities
Technic	al measures	: Ground/bond container and receiving equipment.
Storage	conditions	: Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.
Storage	temperature	: < 25 °C
Storage	area	: Store in a well-ventilated place.
Special	rules on packaging	: Keep only in original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters - exposure standards

acetone (67-64-1)			
Australia	Local name	Acetone	
Australia	OES TWA [1]	1185 mg/m³	
Australia	OES TWA [2]	500 ppm	
Australia	OES STEL	2375 mg/m ³	
Australia	OES STEL [ppm]	1000 ppm	
New Zealand	Local name	Acetone	
New Zealand	WES-TWA (OEL TWA) [1]	1185 mg/m³	
New Zealand	WES-TWA (OEL TWA) [2]	500 ppm	
New Zealand WES-STEL (OEL STEL)		2375 mg/m ³	
New Zealand	WES-STEL (OEL STEL) [ppm]	1000 ppm	
New Zealand	BEI	50 mg/l Parameter: Acetone - Medium: Urine - Sampling time: End of shift	
New Zealand	Regulatory reference	Workplace Exposure Standards and Biological Exposure Indices, 12th Edition	

n-butyl acetate (123-86-4)		
Australia	Local name	n-Butyl acetate
Australia	OES TWA [1]	713 mg/m ³
Australia	OES TWA [2]	150 ppm
Australia	OES STEL	950 mg/m³
Australia	OES STEL [ppm]	200 ppm
New Zealand	Local name	n-Butyl acetate
New Zealand	WES-TWA (OEL TWA) [1]	713 mg/m ³
New Zealand	WES-TWA (OEL TWA) [2]	150 ppm
New Zealand	WES-STEL (OEL STEL)	950 mg/m³
New Zealand	WES-STEL (OEL STEL) [ppm]	200 ppm
New Zealand	Regulatory reference	Workplace Exposure Standards and Biological Exposure Indices, 12th Edition

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Expos	ure limit values for the other compone	1115	
8.2.	Monitoring		
8.3.	Appropriate engineering controls		
Approp	riate engineering controls	: Ensure good ventilation of the work station.	
8.4.	Personal protective equipment		
Materia	als for protective clothing	: Impermeable clothing	
Hand protection		: Protective gloves	
Eye protection		: Safety glasses	
Skin and body protection		: Wear suitable protective clothing	
Respiratory protection		: In case of insufficient ventilation, wear suitable respiratory equipment	
Persor	al protective equipment symbol(s)		



Environmental exposure controls

: Avoid release to the environment.

SECTION 9: Physical and chemical properties			
Physical state	: Liquid		
No data availableAppearance	: Viscous. Liquid.		
Colour	: white		
Odour	: aromatic		
Odour threshold	: No data available		
рН	: No data available		
Relative evaporation rate (butylacetate=1)	: No data available		
Melting point / Freezing point	: No data available		
Boiling point	: > 35 ℃		
Flash point	: -17 °C Acetone		
Auto-ignition temperature	: No data available		
Flammability (solid, gas)	: No data available		
Vapour pressure	: No data available		
Relative density	: No data available		
Density	: Density : 1.17 (1.15 – 1.19) g/cm ³		
Solubility	: insoluble in water. Soluble in aromatic hydrocarbons.		
Partition coefficient n-octanol/water (Log Pow)	: No data available		
Viscosity, kinematic	: 6837.607 mm²/s		
Viscosity, dynamic	: 8000 (7000 – 9000) cP (20°C)		
Explosive properties	: No data available		
Explosive limits	: No data available		
Minimum ignition energy	: No data available		
VOC content	: 423 g/l		
VOC content - Regulatory	: No data available		
Percent Solids	: 63.85 wt%		
SECTION 10: Stability and reactivity			
Reactivity	: Highly flammable liquid and vapour. Highly flammable liquid and vapour.		
Chemical stability	: Stable under normal conditions.		
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.		
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Conditions to avoid	: Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information		
Acute toxicity (oral)	: Not classified	
Acute toxicity (dermal)	: Not classified	
Acute toxicity (inhalation)	: Not classified	

acetone (67-64-1)		
LD50 oral rat	5800 mg/kg bodyweight Animal: rat, Animal sex: female	
LD50 dermal rabbit	> 15800 mg/kg bodyweight (24 h, Rabbit, Male, Weight of evidence, Dermal, 14 day(s))	
LC50 Inhalation - Rat	76 mg/l air Animal: rat, Animal sex: female, 95% CL: 65,2 - 88,4	
n-butyl acetate (123-86-4)	<u>.</u>	
LD50 oral rat	10760 – 12789 mg/kg bodyweight (Equivalent or similar to OECD 423, Rat, Male / female, Experimental value, Oral, 14 day(s))	
LD50 dermal rabbit	> 14112 mg/kg bodyweight (Equivalent or similar to OECD 402, Rabbit, Male / female, Experimental value, Dermal, 14 day(s))	
LC50 Inhalation - Rat	23.4 mg/l (OECD 403: Acute Inhalation Toxicity, 4 h, Rat)	
LC50 Inhalation - Rat [ppm]	390 ppm/4h	
LC50 Inhalation - Rat (Vapours)	> 21 mg/l/4h (4 h, OECD Test Guideline 403, rat, vapours)	
reaction mass of α-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-hydroxypoly(oxyethylene) and α-3-(3-(2H- benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4- hydroxyphenyl)propionyloxypoly(oxyethylene)		
LD50 oral rat	> 5000 mg/kg (OECD Guideline No. 401 (equivalent to Annex V), limit test, rat, male/female)	
LD50 dermal rat	> 2000 mg/kg (OECD Guideline No. 402 (equivalent to Annex V), limit test, rat, male/female)	
LC50 Inhalation - Rat	5800 mg/l (OECD Guideline 403, 14d, rat)	
reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate (1065336-91-5)		
LD50 oral rat	3230 mg/kg (OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method), rat, male/female)	

	maioritaio	maio, iomaio,	
LD50 dermal rat	> 3170 mg/kg (OECD Guideline 402 (Acute Derma	> 3170 mg/kg (OECD Guideline 402 (Acute Dermal Toxicity), read-across,	
Skin corrosion/irritation	: Causes mild skin irritation.		
Serious eye damage/irritation	: Causes serious eye irritation.		
Respiratory or skin sensitisation	: May cause an allergic skin reaction.		
Germ cell mutagenicity	: Not classified		
Carcinogenicity	: Not classified		
Reproductive toxicity	: Not classified		
STOT-single exposure	: May cause drowsiness or dizziness.		
STOT-repeated exposure	: Not classified		
Aspiration hazard	: Not classified		

SECTION 12: Ecological information

Viscosity, kinematic

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According to the National Code of Practice for the Preparation of Material Safety Data Sheets, Environmental classification information is not mandatory. Information relevant for GHS classification is available on request

12.1. ECOTOXICITY	
Ecology - general	The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-	Not classified
Hazardous to the aquatic environment, long- term (chronic)	Not classified
acetone (67-64-1)	
LC50 - Fish [1]	6210 – 8120 mg/l (Equivalent or similar to OECD 203, 96 h, Pimephales promelas, Flow- through system, Fresh water, Experimental value, Measured concentration)

6837.607 mm²/s

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acetone (67-64-1)		
LOEC (chronic)	> 79 mg/l Test organisms (species): Daphnia magna Duration: '21 d'	
NOEC (chronic)	≥ 79 mg/l Test organisms (species): Daphnia magna Duration: '21 d'	
Partition coefficient n-octanol/water (Log Pow)	-0.23 (Test data)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0.374 – 0.988 (log Koc, SRC PCKOCWIN v2.0, Calculated value)	
n-butyl acetate (123-86-4)		
LC50 - Fish [1]	18 mg/l Test organisms (species): Pimephales promelas	
LC50 - Fish [2]	62 mg/l (Leuciscus idus, static system)	
EC50 - Crustacea [1]	44 mg/l Test organisms (species): Daphnia sp.	
ErC50 algae	397 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Read-across, GLP)	
NOEC (chronic)	23 mg/l Test organisms (species): Daphnia magna Duration: '21 d'	
NOEC chronic crustacea	23 mg/l	
Partition coefficient n-octanol/water (Log Pow)	2.3 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 25 °C)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1.268 – 1.844 (log Koc, SRC PCKOCWIN v2.0, Calculated value)	
	-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-hydroxypoly(oxyethylene) and α-3-(3-(2H- yl)propionyl-ω-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4- e)	
LC50 - Fish [1]	2.8 mg/l (96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value, Nominal concentration)	
EC50 - Crustacea [1]	4 mg/l (48 h, Daphnia magna, Static system, Fresh water, Experimental value, Nominal concentration)	
ErC50 algae	> 100 mg/l (72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, Nominal concentration)	
BCF - Fish [1]	2658 – 3430 (502 h, Oncorhynchus mykiss, Flow-through system, Fresh water, Experimental value)	
Partition coefficient n-octanol/water (Log Pow)	4.6 (Experimental value, Equivalent or similar to OECD 117, 25 °C)	

12.2. Persistence and degradability

acetone (67-64-1)	
Persistence and degradability	Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions. Readily biodegradable in water.
Biochemical oxygen demand (BOD)	1.43 g O ₂ /g substance
Chemical oxygen demand (COD)	1.92 g O ₂ /g substance
ThOD	2.2 g O ₂ /g substance
n-butyl acetate (123-86-4)	
Persistence and degradability	Readily biodegradable in water.
ThOD	2.21 g O ₂ /g substance
BOD (% of ThOD)	0.46
12.3. Bioaccumulative potential	

acetone (67-64-1)	
Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	See section 12.1 on ecotoxicology
Bioaccumulative potential	Not bioaccumulative.
n-butyl acetate (123-86-4)	
Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	See section 12.1 on ecotoxicology
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
reaction mass of α-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-hydroxypoly(oxyethylene) and α-3-(3-(2H- benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4- hydroxyphenyl)propionyloxypoly(oxyethylene)	
BCF - Fish [1]	See section 12.1 on ecotoxicology
Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
12.4. Mobility in soil	

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acetone (67-64-1)	
Surface tension	23.3 N/m (20 °C)
Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	See section 12.1 on ecotoxicology
Ecology - soil	Highly mobile in soil.
n-butyl acetate (123-86-4)	
Surface tension	61.3 mN/m (20 °C, 0.1 %, OECD 115: Surface Tension of Aqueous Solutions)
Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	See section 12.1 on ecotoxicology
Ecology - soil	Highly mobile in soil.
benzotriazol-2-yl)-5-tert-butyl-4-hydroxypheny hydroxyphenyl)propionyloxypoly(oxyethylen	
Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
2.5. Other adverse effects	
Dzone	: Not classified
Other adverse effects	: No additional information available
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Fluorinated greenhouse gases	False
acetone (67-64-1)	
Fluorinated greenhouse gases	False
n-butyl acetate (123-86-4)	
Fluorinated greenhouse gases	False
	-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-hydroxypoly(oxyethylene) and α-3-(3-(2H- yl)propionyl-ω-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4- e)
Fluorinated greenhouse gases	False
reaction mass of bis(1,2,2,6,6-pentamethyl-4-	piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate (1065336-91-5)
Fluorinated greenhouse gases	False
SECTION 13: Disposal considerations	S
Regional legislation (waste)	: Disposal must be done according to official regulations.
Vaste treatment methods	Dispose of contents/container in accordance with licensed collector's sorting instructions.
dditional information	Flammable vapours may accumulate in the container.
SECTION 14: Transport information	

SECTION 14: Transport Information		
ADG	IMDG	ΙΑΤΑ
14.1. UN number		
1263	1263	1263
14.2. UN proper shipping name		
PAINT	PAINT	Paint
14.3. Transport hazard class(es)		
3	3	3
3	3	3
14.4. Packing group		
II	П	II
14.5. Environmental hazards		
	Marine pollutant : No	
14.6. Special precautions for user		
Specific storage requirement	: No data available	
Shock sensitivity	: No data available	

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14.7. Additional information	
Other information	: No supplementary information available
Trepopert by read and roll	
Transport by road and rail	
UN-No. (ADG)	: 1263
Special provision (ADG)	: 163, 367
Limited quantities (ADG)	: 51
Packing instructions (ADG)	: P001, IBC02
Special packing provisions (ADG)	: PP1
Portable tank and bulk container instructions (ADG)	: T4
Portable tank and bulk container special provisions (ADG)	: TP1, TP8, TP28
Transport by sea	
UN-No. (IMDG)	: 1263
Special provisions (IMDG)	: 163, 367
Limited quantities (IMDG)	: 5L
Excepted quantities (IMDG)	: E2
Packing instructions (IMDG)	: P001
Special packing provisions (IMDG)	: PP1
IBC packing instructions (IMDG)	: IBC02
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP1, TP8, TP28
EmS-No. (Fire)	: F-E - FIRE SCHEDULE Echo - NON-WATER-REACTIVE FLAMMABLE LIQUIDS
EmS-No. (Spillage)	: S-E - SPILLAGE SCHEDULE Echo - FLAMMABLE LIQUIDS, FLOATING ON WATER : B
Stowage category (IMDG)	
Properties and observations (IMDG)	: Miscibility with water depends upon the composition.
Air transport	
UN-No. (IATA)	: 1263
PCA Excepted quantities (IATA)	: E2
PCA Limited quantities (IATA)	: Y341
PCA limited quantity max net quantity (IATA)	: 1L
PCA packing instructions (IATA)	: 353
PCA max net quantity (IATA)	: 5L
CAO packing instructions (IATA)	: 364
CAO max net quantity (IATA)	: 60L
Special provisions (IATA)	: A3, A72, A192
ERG code (IATA)	: 3L
14.8. Hazchem or Emergency Action Co	
Hazchem Code	: * 3YE
SECTION 15: Regulatory informatio	
	egulations/legislation specific for the substance or mixture
No additional information available	
Hazardous Substances and New Organisms	
HSNO Approval Number	HSR002662
Group standard	: Surface coatings and colourants
2-methoxy-1-methylethyl acetate (108-65-6) Hazardous Substances and New Organisms	Act
-	
HSNO Approval Number	: HSR001219
acetone (67-64-1)	

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according to the Model Work Health and Safety Regulations

acetone (67-64-1)	
HSNO Approval Number	: HSR001070
dibutyltin dilaurate (77-58-7)	
Hazardous Substances and New Organisms	Act
HSNO Approval Number	: HSR003610
phosphoric acid %, orthophosphoric acid	% (7664_38_2)
Hazardous Substances and New Organisms	
-	
HSNO Approval Number	: HSR001545(dilution)
	HSR001571(dilution)
solvent naphtha (petroleum), light aromatic (
Hazardous Substances and New Organisms	
HSNO Approval Number	: HSR001503
cristobalite, 1%≤conc respirable crystalline s	ilica<10% (14464-46-1)
Hazardous Substances and New Organisms	Act
HSNO Approval Number	: HSR003244
n-butyl acetate (123-86-4)	
Hazardous Substances and New Organisms	Act
HSNO Approval Number	: HSR001091
lithium ablanida (7447 44 0)	
lithium chloride (7447-41-8) Hazardous Substances and New Organisms	Act
-	
HSNO Approval Number	: HSR003547
15.2. International agreements	
Managalitianal tafance dan area 9, 10	
No additional information available	
SECTION 16: Other information	
	: 13/07/2021
SECTION 16: Other information	: 13/07/2021
SECTION 16: Other information Revision date	: 13/07/2021 H225
SECTION 16: Other information Revision date Classification: Flam. Liq. 2 Skin Irrit. 3	H225 H316
SECTION 16: Other information Revision date Classification: Flam. Liq. 2 Skin Irrit. 3 Eye Irrit. 2A	H225 H316 H319
SECTION 16: Other information Revision date Classification: Flam. Liq. 2 Skin Irrit. 3 Eye Irrit. 2A Skin Sens. 1	H225 H316 H319 H317
SECTION 16: Other information Revision date Classification: Flam. Liq. 2 Skin Irrit. 3 Eye Irrit. 2A Skin Sens. 1 STOT SE 3	H225 H316 H319
SECTION 16: Other information Revision date Classification: Flam. Liq. 2 Skin Irrit. 3 Eye Irrit. 2A Skin Sens. 1 STOT SE 3 Full text of H-statements:	H225 H316 H319 H317 H336
SECTION 16: Other information Revision date Classification: Flam. Liq. 2 Skin Irrit. 3 Eye Irrit. 2A Skin Sens. 1 STOT SE 3 Full text of H-statements: Acute Tox. 5 (Oral)	H225 H316 H319 H317 H336 Acute toxicity (oral), Category 5
SECTION 16: Other information Revision date Classification: Flam. Liq. 2 Skin Irrit. 3 Eye Irrit. 2A Skin Sens. 1 STOT SE 3 Full text of H-statements: Acute Tox. 5 (Oral) Aquatic Acute 1	H225 H316 H319 H317 H336 Acute toxicity (oral), Category 5 Hazardous to the aquatic environment — Acute Hazard, Category 1
SECTION 16: Other information Revision date Classification: Flam. Liq. 2 Skin Irrit. 3 Eye Irrit. 2A Skin Sens. 1 STOT SE 3 Full text of H-statements: Acute Tox. 5 (Oral) Aquatic Acute 1 Aquatic Chronic 1	H225 H316 H319 H317 H336 Acute toxicity (oral), Category 5 Hazardous to the aquatic environment — Acute Hazard, Category 1 Hazardous to the aquatic environment — Chronic Hazard, Category 1
SECTION 16: Other information Revision date Classification: Flam. Liq. 2 Skin Irrit. 3 Eye Irrit. 2A Skin Sens. 1 STOT SE 3 Full text of H-statements: Acute Tox. 5 (Oral) Aquatic Acute 1 Aquatic Chronic 1 Aquatic Chronic 2	H225 H316 H319 H317 H336 Acute toxicity (oral), Category 5 Hazardous to the aquatic environment — Acute Hazard, Category 1 Hazardous to the aquatic environment — Chronic Hazard, Category 1 Hazardous to the aquatic environment — Chronic Hazard, Category 1 Hazardous to the aquatic environment — Chronic Hazard, Category 2
SECTION 16: Other information Revision date Classification: Flam. Liq. 2 Skin Irrit. 3 Eye Irrit. 2A Skin Sens. 1 STOT SE 3 Full text of H-statements: Acute Tox. 5 (Oral) Aquatic Acute 1 Aquatic Chronic 1 Aquatic Chronic 2 Eye Irrit. 2A	H225 H316 H319 H317 H336 Acute toxicity (oral), Category 5 Hazardous to the aquatic environment — Acute Hazard, Category 1 Hazardous to the aquatic environment — Chronic Hazard, Category 1 Hazardous to the aquatic environment — Chronic Hazard, Category 2 Serious eye damage/eye irritation, Category 2A
SECTION 16: Other information Revision date Classification: Flam. Liq. 2 Skin Irrit. 3 Eye Irrit. 2A Skin Sens. 1 STOT SE 3 Full text of H-statements: Acute Tox. 5 (Oral) Aquatic Acute 1 Aquatic Chronic 1 Aquatic Chronic 2 Eye Irrit. 2A Flam. Liq. 2	H225 H316 H319 H317 H336 Acute toxicity (oral), Category 5 Hazardous to the aquatic environment — Acute Hazard, Category 1 Hazardous to the aquatic environment — Chronic Hazard, Category 1 Hazardous to the aquatic environment — Chronic Hazard, Category 2 Serious eye damage/eye irritation, Category 2A Flammable liquids, Category 2
SECTION 16: Other information Revision date Classification: Flam. Liq. 2 Skin Irrit. 3 Eye Irrit. 2A Skin Sens. 1 STOT SE 3 Full text of H-statements: Acute Tox. 5 (Oral) Aquatic Acute 1 Aquatic Chronic 1 Aquatic Chronic 2 Eye Irrit. 2A Flam. Liq. 2 Flam. Liq. 3	H225 H316 H319 H317 H336 Acute toxicity (oral), Category 5 Hazardous to the aquatic environment — Acute Hazard, Category 1 Hazardous to the aquatic environment — Chronic Hazard, Category 1 Hazardous to the aquatic environment — Chronic Hazard, Category 1 Hazardous to the aquatic environment — Chronic Hazard, Category 2 Serious eye damage/eye irritation, Category 2A Flammable liquids, Category 3
SECTION 16: Other information Revision date Classification: Flam. Liq. 2 Skin Irrit. 3 Eye Irrit. 2A Skin Sens. 1 STOT SE 3 Full text of H-statements: Acute Tox. 5 (Oral) Aquatic Acute 1 Aquatic Chronic 1 Aquatic Chronic 2 Eye Irrit. 2A Flam. Liq. 2 Flam. Liq. 3 Skin Irrit. 3	H225 H316 H319 H317 H336 Acute toxicity (oral), Category 5 Hazardous to the aquatic environment — Acute Hazard, Category 1 Hazardous to the aquatic environment — Chronic Hazard, Category 1 Hazardous to the aquatic environment — Chronic Hazard, Category 2 Serious eye damage/eye irritation, Category 2A Flammable liquids, Category 3 Skin corrosion/irritation, Category 3
SECTION 16: Other information Revision date Classification: Flam. Liq. 2 Skin Irrit. 3 Eye Irrit. 2A Skin Sens. 1 STOT SE 3 Full text of H-statements: Acute Tox. 5 (Oral) Aquatic Chronic 1 Aquatic Chronic 2 Eye Irrit. 2A Flam. Liq. 2 Flam. Liq. 3 Skin Irrit. 3 Skin Sens. 1	H225 H316 H319 H317 H336 Acute toxicity (oral), Category 5 Hazardous to the aquatic environment — Acute Hazard, Category 1 Hazardous to the aquatic environment — Chronic Hazard, Category 1 Hazardous to the aquatic environment — Chronic Hazard, Category 1 Hazardous to the aquatic environment — Chronic Hazard, Category 2 Serious eye damage/eye irritation, Category 2A Flammable liquids, Category 3 Skin corrosion/irritation, Category 3 Skin sensitisation, Category 1
SECTION 16: Other information Revision date Classification: Flam. Liq. 2 Skin Irrit. 3 Eye Irrit. 2A Skin Sens. 1 STOT SE 3 Full text of H-statements: Acute Tox. 5 (Oral) Aquatic Acute 1 Aquatic Chronic 1 Aquatic Chronic 2 Eye Irrit. 2A Flam. Liq. 2 Flam. Liq. 2 Flam. Liq. 3 Skin Sens. 1 Skin Sens. 1 Skin Sens. 1A	H225 H316 H319 H317 H336 Acute toxicity (oral), Category 5 Hazardous to the aquatic environment — Acute Hazard, Category 1 Hazardous to the aquatic environment — Chronic Hazard, Category 1 Hazardous to the aquatic environment — Chronic Hazard, Category 1 Hazardous to the aquatic environment — Chronic Hazard, Category 2 Serious eye damage/eye irritation, Category 2A Flammable liquids, Category 3 Skin corrosion/irritation, Category 1 Skin sensitisation, Category 1 Skin sensitisation, category 1 Skin sensitisation, category 1A
SECTION 16: Other informationRevision dateClassification:Flam. Liq. 2Skin Irrit. 3Eye Irrit. 2ASkin Sens. 1STOT SE 3Full text of H-statements:Acute Tox. 5 (Oral)Aquatic Acute 1Aquatic Chronic 1Aquatic Chronic 2Eye Irrit. 2AFlam. Liq. 2Flam. Liq. 3Skin Sens. 1Skin Sens. 1Skin Sens. 1ASTOT SE 3	H225 H316 H319 H317 H336 Acute toxicity (oral), Category 5 Hazardous to the aquatic environment — Acute Hazard, Category 1 Hazardous to the aquatic environment — Chronic Hazard, Category 1 Hazardous to the aquatic environment — Chronic Hazard, Category 1 Hazardous to the aquatic environment — Chronic Hazard, Category 2 Serious eye damage/eye irritation, Category 2A Flammable liquids, Category 2 Flammable liquids, Category 3 Skin corrosion/irritation, Category 1 Skin sensitisation, category 1A Specific target organ toxicity — Single exposure, Category 3, Narcosis
SECTION 16: Other informationRevision dateClassification:Flam. Liq. 2Skin Irrit. 3Eye Irrit. 2ASkin Sens. 1STOT SE 3Full text of H-statements:Acute Tox. 5 (Oral)Aquatic Acute 1Aquatic Chronic 1Aquatic Chronic 2Eye Irrit. 2AFlam. Liq. 2Flam. Liq. 3Skin Irrit. 3Skin Sens. 1Skin Sens. 1	H225 H316 H319 H317 H336 Acute toxicity (oral), Category 5 Hazardous to the aquatic environment — Acute Hazard, Category 1 Hazardous to the aquatic environment — Chronic Hazard, Category 1 Hazardous to the aquatic environment — Chronic Hazard, Category 2 Serious eye damage/eye irritation, Category 2A Flammable liquids, Category 3 Skin corrosion/irritation, Category 3 Skin sensitisation, Category 1A Specific target organ toxicity — Single exposure, Category 3, Narcosis Highly flammable liquid and vapour
SECTION 16: Other informationRevision dateClassification:Flam. Liq. 2Skin Irrit. 3Eye Irrit. 2ASkin Sens. 1STOT SE 3Full text of H-statements:Acute Tox. 5 (Oral)Aquatic Acute 1Aquatic Chronic 1Aquatic Chronic 1Aquatic Chronic 2Eye Irrit. 2AFlam. Liq. 2Flam. Liq. 3Skin Sens. 1Skin Sens. 1Skin Sens. 1Skin Sens. 1Stin Sens. 1Skin Sens. 1	H225 H316 H319 H317 H336 Acute toxicity (oral), Category 5 Hazardous to the aquatic environment — Acute Hazard, Category 1 Hazardous to the aquatic environment — Chronic Hazard, Category 1 Hazardous to the aquatic environment — Chronic Hazard, Category 1 Hazardous to the aquatic environment — Chronic Hazard, Category 2 Serious eye damage/eye irritation, Category 2A Flammable liquids, Category 3 Skin corrosion/irritation, Category 3 Skin sensitisation, Category 1 Skin sensitisation, category 1 Skin sensitisation, category 1A Specific target organ toxicity — Single exposure, Category 3, Narcosis Highly flammable liquid and vapour Flammable liquid and vapour
SECTION 16: Other informationRevision dateClassification:Flam. Liq. 2Skin Irrit. 3Eye Irrit. 2ASkin Sens. 1STOT SE 3Full text of H-statements:Acute Tox. 5 (Oral)Aquatic Acute 1Aquatic Chronic 1Aquatic Chronic 2Eye Irrit. 2AFlam. Liq. 2Flam. Liq. 3Skin Sens. 1Skin Sens. 1Skin Sens. 1ASTOT SE 3H225H226H303	H225 H316 H319 H317 H336 Acute toxicity (oral), Category 5 Hazardous to the aquatic environment — Acute Hazard, Category 1 Hazardous to the aquatic environment — Chronic Hazard, Category 1 Hazardous to the aquatic environment — Chronic Hazard, Category 1 Hazardous to the aquatic environment — Chronic Hazard, Category 1 Hazardous to the aquatic environment — Chronic Hazard, Category 2 Serious eye damage/eye irritation, Category 2A Flammable liquids, Category 2 Flammable liquids, Category 3 Skin corrosion/irritation, Category 3 Skin sensitisation, Category 1 Skin sensitisation, category 1A Specific target organ toxicity — Single exposure, Category 3, Narcosis Highly flammable liquid and vapour Flammable liquid and vapour May be harmful if swallowed
SECTION 16: Other informationRevision dateClassification:Flam. Liq. 2Skin Irrit. 3Eye Irrit. 2ASkin Sens. 1STOT SE 3Full text of H-statements:Acute Tox. 5 (Oral)Aquatic Acute 1Aquatic Chronic 1Aquatic Chronic 2Eye Irrit. 2AFlam. Liq. 2Flam. Liq. 3Skin Sens. 1Skin Sens. 1Skin Sens. 1Stort SE 3H225H226H303H316	H225 H316 H319 H317 H336 Acute toxicity (oral), Category 5 Hazardous to the aquatic environment — Acute Hazard, Category 1 Hazardous to the aquatic environment — Chronic Hazard, Category 1 Hazardous to the aquatic environment — Chronic Hazard, Category 2 Serious eye damage/eye irritation, Category 2A Flammable liquids, Category 3 Skin corrosion/irritation, Category 3 Skin sensitisation, category 1A Specific target organ toxicity — Single exposure, Category 3, Narcosis Highly flammable liquid and vapour Flammable liquid and vapour Kay be harmful if swallowed Causes mild skin irritation
SECTION 16: Other informationRevision dateClassification:Flam. Liq. 2Skin Irrit. 3Eye Irrit. 2ASkin Sens. 1STOT SE 3Full text of H-statements:Acute Tox. 5 (Oral)Aquatic Acute 1Aquatic Chronic 1Aquatic Chronic 2Eye Irrit. 2AFlam. Liq. 2Flam. Liq. 3Skin Sens. 1Skin Sens. 1Skin Sens. 1ASTOT SE 3H225H226H303	H225 H316 H319 H317 H336 Acute toxicity (oral), Category 5 Hazardous to the aquatic environment — Acute Hazard, Category 1 Hazardous to the aquatic environment — Chronic Hazard, Category 1 Hazardous to the aquatic environment — Chronic Hazard, Category 1 Hazardous to the aquatic environment — Chronic Hazard, Category 1 Hazardous to the aquatic environment — Chronic Hazard, Category 2 Serious eye damage/eye irritation, Category 2A Flammable liquids, Category 2 Flammable liquids, Category 3 Skin corrosion/irritation, Category 3 Skin sensitisation, Category 1 Skin sensitisation, category 1A Specific target organ toxicity — Single exposure, Category 3, Narcosis Highly flammable liquid and vapour Flammable liquid and vapour May be harmful if swallowed

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H336	May cause drowsiness or dizziness
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects

SDS Australia U-POL

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