

Safety Data Sheet

according to the Model Work Health and Safety Regulations

Issue date:18/03/2020 Revision date:28/05/2021 Supersedes: 08/04/2021 Version: 3.0

SECTION 1: Product identifier

1.1. Product identifier

Product form : Mixture

Trade name : RAPTOR 1K MULTI USE PROTECTIVE COATING AEROSOL

Product code : RMUB/AL

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Coating

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 identification

2.1. Classification of the hazardous chemical

Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Flammable aerosols, Category 1 H222
Skin corrosion/irritation, Category 3 H316
Serious eye damage/eye irritation, Category 2A H319
Skin sensitisation, Category 1 H317
Specific target organ toxicity — Single exposure, H336

Category 3, Narcosis

2.2. Label elements

Hazard pictograms (GHS AU)





Signal word (GHS AU) : Danger

Contains : methyl acetate (10 - 30 %); n-butyl acetate (10 - 30 %); acetone (10 - 30 %); 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 %); 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

%)

Hazard statements (GHS AU) : H222 - Extremely flammable aerosol.

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) : P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children. P103 - Read label before use.

P210 - Keep away from heat, hot surfaces, open flames, sparks. No smoking.

P211 - Do not spray on an open flame or other ignition source.

P251 - Do not pierce or burn, even after use.
P261 - Avoid breathing vapours, spray, fume.
P264 - Wash hands thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.

P272 - Contaminated work clothing should not be allowed out of the workplace.

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P280 - Wear eye protection, protective clothing, protective gloves.

P302+P352 - IF ON SKIN: Wash with plenty of water

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing. P312 - Call a POISON CENTER/doctor if you feel unwell.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 - If eye irritation persists: Get medical advice/attention.

P363 - Wash contaminated clothing before reuse.

P403+P233 - Store in a well-ventilated place. Keep container tightly closed.

P405 - Store locked up.

P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P501 - Dispose of contents/container to hazardous or special waste collection point, in

accordance with local, regional, national and/or international regulation.

Unknown acute toxicity (GHS AU) : 3.32% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)

18.99% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Vapours))

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

Name	CAS-No.	%	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
methyl acetate ()	79-20-9	10 – 30	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336
n-butyl acetate ()	123-86-4	10 – 30	Flam. Liq. 3, H226 STOT SE 3, H336
acetone ()	67-64-1	10 – 30	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336
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
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
Other substances (not contributing to the classification of this product)		56.2	

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 : Wash skin with plenty of water. Take off 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 medical 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 substance or mixture

Fire hazard : Extremely flammable aerosol.

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5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting

: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures

: Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing vapours, spray, fume. Avoid contact with skin and eyes.

6.1.2. For emergency responders

Protective 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 release to the environment

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Mechanically recover the product.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling

: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Use only outdoors or in a well-ventilated area. Avoid breathing vapours, spray, fume. Avoid contact with skin and eyes. Wear personal protective equipment.

Hygiene measures

: 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, including any incompatibilities

Storage conditions

: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters - exposure standards

n-butyl acetate (123-86-4)		
Australia	Local name	n-Butyl acetate
Australia	OES TWA [1]	713 mg/m³
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/m³
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

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/m³
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/m³
New Zealand	WES-STEL (OEL STEL) [ppm]	1000 ppm

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acetone (67-64-1)		
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

methyl acetate (79-20-9)		
Australia	Local name	Methyl acetate
Australia	OES TWA [1]	606 mg/m³
Australia	OES TWA [2]	200 ppm
Australia	OES STEL	757 mg/m³
Australia	OES STEL [ppm]	250 ppm
New Zealand	Local name	Methyl acetate
New Zealand	WES-TWA (OEL TWA) [1]	606 mg/m³
New Zealand	WES-TWA (OEL TWA) [2]	200 ppm
New Zealand	WES-STEL (OEL STEL)	757 mg/m³
New Zealand	WES-STEL (OEL STEL) [ppm]	250 ppm
New Zealand	Regulatory reference	Workplace Exposure Standards and Biological Exposure Indices, 12th Edition

Exposure limit values for the other components

8.2. Monitoring

No additional information available

8.3. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

8.4. Personal protective equipment

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

Personal protective equipment symbol(s)



Environmental exposure controls : Avoid release to the environment.

SECTION 9: Physical and chemical properties

Physical state : Liquid

Appearance :

aerosol.

Colour : No data available
Odour : No data available
Odour threshold : No data available
pH : No data available
Relative evaporation rate (butylacetate=1) : No data available
Melting point / Freezing point : No data available
Boiling point : No data available

Flash point : < 0 °C

Auto-ignition temperature : No data available Flammability (solid, gas) : No data available Vapour pressure : No data available

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Relative density : No data available
Density : Density : Density : 0.96 g/cm³
Solubility : No data available
Partition coefficient n-octanol/water (Log Pow) : No data available
Explosive properties : No data available
Explosive limits : No data available
Minimum ignition energy : No data available

VOC content : 579 g/l

VOC content - Regulatory : No data available
Gas group : Press. Gas (Liq.)
Percent Solids : 30.29 wt%

SECTION 10: Stability and reactivity

Reactivity : Extremely flammable aerosol. Extremely flammable aerosol.

Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions : No dangerous reactions known under normal conditions of use.

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

Skin corrosion/irritation

Serious eye damage/irritation

Respiratory or skin sensitisation

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

n-butyl acetate (123-86-4)	
LD50 oral rat	10760 – 12789 mg/kg bodyweight (Equivalent or similar to OECD 423, Rat, Male / female Experimental value, Oral)
LD50 dermal rabbit	14112 mg/kg bodyweight (Equivalent or similar to OECD 402, Rabbit, Male / female, Experimental value, Dermal)
LC50 Inhalation - Rat [ppm]	390 ppm/4h
LC50 Inhalation - Rat (Vapours)	> 21 mg/l/4h (4 h, OECD Test Guideline 403, rat, vapours)
acetone (67-64-1)	
LD50 oral rat	5800 mg/kg bodyweight Animal: rat, Animal sex: female
LD50 dermal rabbit	20000 mg/kg (Equivalent or similar to OECD 402, Rabbit, Male, Experimental value, Dermal)
LC50 Inhalation - Rat	76 mg/l air Animal: rat, Animal sex: female, 95% CL: 65,2 - 88,4
methyl acetate (79-20-9)	
LD50 oral rat	6482 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: EU Method B.3 (Acute Toxicity (Dermal) Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LC50 Inhalation - Rat	49 mg/l
	-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-hydroxypoly(oxyethylene) and α-3-(3-(2H- ohenyl)propionyl-ω-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4- nylene)
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)
LD50 dermal rat	> 3170 mg/kg (OECD Guideline 402 (Acute Dermal Toxicity), read-across,
nknown acute toxicity (GHS AU)	3.32% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal) 18.99% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Vapour))

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: Causes mild skin irritation.

: Causes serious eye irritation.

: May cause an allergic skin reaction.

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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

methyl acetate (79-20-9)	
LOAEC (inhalation, rat, vapour, 90 days)	2000 mg/l
NOAEC (inhalation, rat, vapour, 90 days)	1057 mg/m³

Aspiration hazard : Not classified

RAPTOR 1K MULTI USE PROTECTIVE COATING AEROSOL	
Vaporizer	aerosol

SECTION 12: Ecological information

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-

term (acute)

: Not classified

Hazardous to the aquatic environment, long-

term (chronic)

: Not classified

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.
NOEC (chronic)	23 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic crustacea	23 mg/l
BCF - Fish [1]	15.3 (Calculated value)
Partition coefficient n-octanol/water (Log Pow)	2.3 (Test data, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 25 °C)
Partition coefficient n-octanol/water (Log Koc)	1.268 – 1.844 (log Koc, SRC PCKOCWIN v2.0, QSAR)

acetone (67-64-1)		
LC50 - Fish [1]	5540 mg/l (EU Method C.1, 96 h, Salmo gairdneri, Static system, Fresh water, Experimental value, Nominal concentration)	
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'	
BCF - Fish [1]	0.69 (Pisces)	
BCF - Other aquatic organisms [1]	3 (BCFWIN, Calculated value)	
Partition coefficient n-octanol/water (Log Pow)	-0.24 (Test data)	

methyl acetate (79-20-9)	
LC50 - Fish [1]	250 – 350 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	1026.7 mg/l Test organisms (species): Daphnia magna
BCF - Fish [1]	< 1 (Pisces, Literature study)
Partition coefficient n-octanol/water (Log Pow)	0.18 (Experimental value, 20 °C)
Partition coefficient n-octanol/water (Log Koc)	0.18 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value, GLP)

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)	
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)

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-butyl acetate (123-86-4)	
Persistence and degradability	Readily biodegradable in water.
ThOD	2.21 g O₂/g substance
BOD (% of ThOD)	0.46
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 O₂/g substance
ThOD	2.2 g O₂/g substance
BOD (% of ThOD)	0.872 (20 day(s), Literature study)
methyl acetate (79-20-9)	
Persistence and degradability	Readily biodegradable in water.
2.3. Bioaccumulative potential	
n-butyl acetate (123-86-4)	
BCF - Fish [1]	See section 12.1 on ecotoxicology
Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
Partition coefficient n-octanol/water (Log Koc)	See section 12.1 on ecotoxicology
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
acetone (67-64-1)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
BCF - Fish [1]	See section 12.1 on ecotoxicology
	See section 12.1 on ecotoxicology See section 12.1 on ecotoxicology
BCF - Other aquatic organisms [1] Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology See section 12.1 on ecotoxicology
Bioaccumulative potential	Not bioaccumulative.
'	Not bloaccumulative.
methyl acetate (79-20-9)	Our continue 40.4 con controllerium
BCF - Fish [1]	See section 12.1 on ecotoxicology
Partition coefficient n-octanol/water (Log Pow) Partition coefficient n-octanol/water (Log Koc)	See section 12.1 on ecotoxicology See section 12.1 on ecotoxicology
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
·	
	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)
BCF - Fish [1]	See section 12.1 on ecotoxicology
Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
2.4. Mobility in soil	
•	
n-butyl acetate (123-86-4)	
Surface tension	0.0163 N/m (20 °C)
Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
Partition coefficient n-octanol/water (Log Koc)	See section 12.1 on ecotoxicology
Ecology - soil	Low potential for adsorption in soil.
acetone (67-64-1)	
Surface tension	0.0237 N/m
Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
Ecology - soil	No (test)data on mobility of the substance available.
methyl acetate (79-20-9)	
Surface tension	24 mN/m (20 °C)
Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
Partition coefficient n-octanol/water (Log Koc)	See section 12.1 on ecotoxicology
Ecology - soil	Highly mobile in soil.
	-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-hydroxypoly(oxyethylene) and α-3-(3-(2H-

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12.5. Other adverse effects

Ozone : Not classified

Other adverse effects : No additional information available

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Fluorinated greenhouse gases False

n-butyl acetate (123-86-4)

Fluorinated greenhouse gases False

acetone (67-64-1)

Fluorinated greenhouse gases False

methyl acetate (79-20-9)

Fluorinated greenhouse gases False

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)

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

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

SECTION 14. Transport information				
ADG	IMDG	IATA		
14.1. UN number				
1950	1950	1950		
14.2. UN proper shipping name				
AEROSOLS	AEROSOLS	Aerosols, flammable		
14.3. Transport hazard class(es)				
2.1	2.1	2.1		
2.1	2.1	2.1		
2	2	2		
14.4. Packing group				
Not applicable	Not applicable	Not applicable		
14.5. Environmental hazards				
	Marine pollutant : No			

14.6. Special precautions for user

Specific storage requirement : No data available
Shock sensitivity : No data available

14.7. Additional information

Other information : No supplementary information available

Transport by road and rail

UN-No. (ADG) : 1950

Special provision (ADG) : 63, 190, 277, 327, 344

Limited quantities (ADG) : See SP 277
Packing instructions (ADG) : P207, LP02
Special packing provisions (ADG) : PP87, L2

Transport by sea

UN-No. (IMDG) : 1950

Special provisions (IMDG) : 63, 190, 277, 327, 344, 381, 959

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Packing instructions (IMDG) : P207, LP200 Special packing provisions (IMDG) : PP87, L2

: F-D - FIRE SCHEDULE Delta - FLAMMABLE GASES EmS-No. (Fire)

: S-U - SPILLAGE SCHEDULE Uniform - GASES (FLAMMABLE, TOXIC OR CORROSIVE) EmS-No. (Spillage)

Stowage category (IMDG) : None

Air transport

UN-No. (IATA) : 1950 PCA Excepted quantities (IATA) : E0 PCA Limited quantities (IATA) : Y203 PCA limited quantity max net quantity (IATA) : 30kgG : 203 PCA packing instructions (IATA) PCA max net quantity (IATA) : 75kg CAO packing instructions (IATA) : 203 CAO max net quantity (IATA) : 150kg

Special provisions (IATA) : A145, A167, A802

ERG code (IATA) : 10L

Hazchem or Emergency Action Code

Hazchem Code : Not applicable

SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

Covered by The Standard for the Uniform : This chemical is covered by the Standard for the Uniform Scheduling of Medicines and Poisons

Scheduling of Medicines and Poisons (SUSMP)

Relevant Poisons Schedule number : Schedule 5

n-butyl acetate (123-86-4)

Hazardous Substances and New Organisms Act

HSNO Approval Number HSR001091

acetone (67-64-1)

Hazardous Substances and New Organisms Act

HSNO Approval Number HSR001070

methyl acetate (79-20-9)

Hazardous Substances and New Organisms Act

HSNO Approval Number HSR001188

trizinc bis(orthophosphate) (7779-90-0)

Hazardous Substances and New Organisms Act

HSNO Approval Number HSR003554

Xylene (1330-20-7)

Hazardous Substances and New Organisms Act

HSNO Approval Number HSR000983

Ethylbenzene (100-41-4)

Hazardous Substances and New Organisms Act

HSNO Approval Number HSR001151

International agreements

No additional information available

SECTION 16: Other information

Revision date : 28/05/2021

Classification:

28/05/2021 EN (English) 9/10

Safety Data Sheet

according to the Model Work Health and Safety Regulations

Skin Irrit. 3 H316 Eye Irrit. 2A H319 Skin Sens. 1 H317 STOT SE 3 H336 Full text of H-statements: Acute Tox. 5 (Oral) Aquatic Acute 1 Hazardous to the aquatic environment — Acute Hazard, Category 1 Aquatic Chronic 1 Hazardous to the aquatic environment — Chronic Hazard, Category 1 Aquatic Chronic 2 Hazardous to the aquatic environment — Chronic Hazard, Category 1 Aquatic Chronic 2 Eye Irrit. 2A Serious eye damage/eye irritation, Category 2A Flam. Aerosol 1 Flammable aerosols, Category 1 Flam. Liq. 2 Flammable liquids, Category 2 Flam. Liq. 3 Skin Irrit. 3 Skin corosion/irritation, Category 3 Skin Sens. 1 Skin Sens. 1 Skin sensitisation, Category 1 Skin Sens. 1 Skin sensitisation, Category 1 Skin Sens. 1 Skin sensitisation, Category 1 Flamble liquids, Category 1 Flamble liquids (Augory 1 Skin Sens. 1 Skin Sens. 1 Skin sensitisation, Category 1 Skin Sens. 1 Flammable liquid and vapour. H222 Flammable liquid and vapour. H303 May be harmful if swallowed H316 Causes mild skin irritation May cause an allergic skin reaction. H319 Causes serious eye irritation. May cause drowsiness or dizziness.	Flam. Aerosol 1	H222	
Skin Sens. 1 STOT SE 3 H336 Full text of H-statements: Acute Tox. 5 (Oral) Aquatic Acute 1 Hazardous to the aquatic environment — Acute Hazard, Category 1 Aquatic Chronic 1 Hazardous to the aquatic environment — Chronic Hazard, Category 1 Aquatic Chronic 2 Hazardous to the aquatic environment — Chronic Hazard, Category 1 Aquatic Chronic 2 Eye Irrit. 2A Serious eye damage/eye irritation, Category 2A Flam. Aerosol 1 Flammable aerosols, Category 1 Flam. Liq. 2 Flammable liquids, Category 2 Flam. Liq. 3 Skin corrosion/irritation, Category 3 Skin Irrit. 3 Skin corrosion/irritation, Category 3 Skin Sens. 1 Skin Sens. 1 Skin sensitisation, Category 1 Skin Sens. 1 Skin sensitisation, Category 1 Skin Sens. 1 Skin sensitisation, Category 1 Skin Sens. 1 Skin Sens. 1 Skin sensitisation, category 1 Single exposure, Category 3, Narcosis H222 Extremely flammable aerosol. H226 Flammable liquid and vapour. H303 May be harmful if swallowed H316 Causes mild skin irritation H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. May cause drowsiness or dizziness.	Skin Irrit. 3	H316	
STOT SE 3 H336 Full text of H-statements: Acute Tox. 5 (Oral) Aquatic Acute 1 Aquatic Acute 1 Aquatic Chronic 1 Aquatic Chronic 2 Eye Irrit. 2A Flam. Aerosol 1 Flammable liquids, Category 2 Flam. Liq. 3 Skin Sens. 1 Skin Sens. 1 Skin Sens. 1 Skin sensitisation, category 1 Stin Sens. 14 STOT SE 3 Specific target organ toxicity — Single exposure, Category 3, Narcosis H222 Extremely flammable liquid and vapour. H303 May be harmful if swallowed H316 Causes mild skin irritation. May cause an allergic skin reaction. May cause drowsiness or dizziness.	Eye Irrit. 2A	H319	
Full text of H-statements: Acute Tox. 5 (Oral) Aquatic Acute 1 Aquatic Acute 1 Aquatic Chronic 1 Aquatic Chronic 2 Eye Irrit. 2A Flam. Aerosol 1 Flammable liquids, Category 3 Skin Sens. 1 Skin Sens. 1 Skin Sens. 1A Strot SE 3 Specific target organ toxicity — Single exposure, Category 3, Narcosis H222 Eye Irrit. 2B H336 May cause an allergic skin reaction. May cause drowsiness or dizziness.	Skin Sens. 1	H317	
Acute Tox. 5 (Oral) Acute toxicity (oral), Category 5 Aquatic Acute 1 Hazardous to the aquatic environment — Acute Hazard, Category 1 Aquatic Chronic 1 Hazardous to the aquatic environment — Chronic Hazard, Category 1 Aquatic Chronic 2 Hazardous to the aquatic environment — Chronic Hazard, Category 2 Eye Irrit. 2A Serious eye damage/eye irritation, Category 2A Flam. Aerosol 1 Flammable aerosols, Category 1 Flam. Liq. 2 Flammable liquids, Category 2 Flam. Liq. 3 Skin Irrit. 3 Skin corrosion/irritation, Category 3 Skin Sens. 1 Skin Sens. 1 Skin sensitisation, Category 1 Skin Sens. 1A STOT SE 3 Specific target organ toxicity — Single exposure, Category 3, Narcosis H222 Extremely flammable liquid and vapour. H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H330 May be harmful if swallowed H316 Causes mild skin irritation H317 May cause an allergic skin reaction. H319 Causes serious eye irritation.	STOT SE 3	H336	
Aquatic Acute 1 Hazardous to the aquatic environment — Acute Hazard, Category 1 Aquatic Chronic 1 Hazardous to the aquatic environment — Chronic Hazard, Category 1 Aquatic Chronic 2 Hazardous to the aquatic environment — Chronic Hazard, Category 2 Eye Irrit. 2A Serious eye damage/eye irritation, Category 2A Flam. Aerosol 1 Flam. Aerosol 1 Flam. Liq. 2 Flammable aerosols, Category 2 Flam. Liq. 3 Flammable liquids, Category 3 Skin Irrit. 3 Skin corrosion/irritation, Category 3 Skin Sens. 1 Skin Sens. 1 Skin sensitisation, Category 1 Skin Sens. 1A Skin sensitisation, Category 1 Stin Sens. 1A Specific target organ toxicity — Single exposure, Category 3, Narcosis H222 Extremely flammable liquid and vapour. H226 Flammable liquid and vapour. H303 May be harmful if swallowed H316 Causes mild skin irritation H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. May cause drowsiness or dizziness.	Full text of H-statements:		
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Aquatic Chronic 2 Eye Irrit. 2A Serious eye damage/eye irritation, Category 2A Flam. Aerosol 1 Flam. Liq. 2 Flammable aerosols, Category 1 Flam. Liq. 3 Flammable liquids, Category 3 Skin Irrit. 3 Skin corrosion/irritation, Category 3 Skin Sens. 1 Skin Sens. 1 Skin sensitisation, Category 1 Skin Sens. 1A STOT SE 3 H222 Extremely flammable aerosol. H336 May cause an allergic skin reaction. May cause drowsiness or dizziness.	Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1	
Eye Irrit. 2A Serious eye damage/eye irritation, Category 2A Flam. Aerosol 1 Flam. Liq. 2 Flammable aerosols, Category 2 Flam. Liq. 3 Flammable liquids, Category 3 Skin Irrit. 3 Skin corrosion/irritation, Category 3 Skin Sens. 1 Skin sensitisation, Category 1 Skin Sens. 1A Skin sensitisation, category 1A STOT SE 3 Specific target organ toxicity — Single exposure, Category 3, Narcosis H222 Extremely flammable aerosol. H225 Highly flammable liquid and vapour. H303 May be harmful if swallowed H316 Causes mild skin irritation H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. May cause drowsiness or dizziness.	Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1	
Flam. Aerosol 1 Flam. Liq. 2 Flammable aerosols, Category 2 Flam. Liq. 3 Flammable liquids, Category 3 Skin Irrit. 3 Skin corrosion/irritation, Category 3 Skin Sens. 1 Skin sens. 1 Skin sensitisation, Category 1 Skin Sens. 1A Skin sensitisation, category 1A STOT SE 3 Specific target organ toxicity — Single exposure, Category 3, Narcosis H222 Extremely flammable aerosol. H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H303 May be harmful if swallowed H316 Causes mild skin irritation H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.	Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2	
Flam. Liq. 2 Flammable liquids, Category 2 Flam. Liq. 3 Flammable liquids, Category 3 Skin Irrit. 3 Skin corrosion/irritation, Category 3 Skin Sens. 1 Skin sensitisation, Category 1 Skin Sens. 1A Skin sensitisation, category 1A STOT SE 3 Specific target organ toxicity — Single exposure, Category 3, Narcosis H222 Extremely flammable aerosol. H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H303 May be harmful if swallowed H316 Causes mild skin irritation H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.	Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A	
Flam. Liq. 3 Skin Irrit. 3 Skin corrosion/irritation, Category 3 Skin Sens. 1 Skin sensitisation, Category 1 Skin Sens. 1A Skin sensitisation, category 1A STOT SE 3 Specific target organ toxicity — Single exposure, Category 3, Narcosis H222 Extremely flammable aerosol. H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H303 May be harmful if swallowed H316 Causes mild skin irritation H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.	Flam. Aerosol 1	Flammable aerosols, Category 1	
Skin Irrit. 3 Skin corrosion/irritation, Category 3 Skin Sens. 1 Skin Sens. 1A Skin sensitisation, category 1 Stin Sens. 1A Stin sensitisation, category 1A STOT SE 3 Specific target organ toxicity — Single exposure, Category 3, Narcosis H222 Extremely flammable aerosol. H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H303 May be harmful if swallowed H316 Causes mild skin irritation H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.	Flam. Liq. 2	Flammable liquids, Category 2	
Skin Sens. 1 Skin Sens. 1A Skin sensitisation, Category 1 Skin Sens. 1A Skin sensitisation, category 1A STOT SE 3 Specific target organ toxicity — Single exposure, Category 3, Narcosis H222 Extremely flammable aerosol. H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H303 May be harmful if swallowed H316 Causes mild skin irritation H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.	Flam. Liq. 3	Flammable liquids, Category 3	
Skin Sens. 1A Stin Sensitisation, category 1A STOT SE 3 Specific target organ toxicity — Single exposure, Category 3, Narcosis H222 Extremely flammable aerosol. H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H303 May be harmful if swallowed H316 Causes mild skin irritation H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.	Skin Irrit. 3	Skin corrosion/irritation, Category 3	
STOT SE 3 Specific target organ toxicity — Single exposure, Category 3, Narcosis H222 Extremely flammable aerosol. H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H303 May be harmful if swallowed H316 Causes mild skin irritation H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.	Skin Sens. 1	Skin sensitisation, Category 1	
H222 Extremely flammable aerosol. H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H303 May be harmful if swallowed H316 Causes mild skin irritation H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.	Skin Sens. 1A	Skin sensitisation, category 1A	
H225Highly flammable liquid and vapour.H226Flammable liquid and vapour.H303May be harmful if swallowedH316Causes mild skin irritationH317May cause an allergic skin reaction.H319Causes serious eye irritation.H336May cause drowsiness or dizziness.	STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis	
H226 Flammable liquid and vapour. H303 May be harmful if swallowed H316 Causes mild skin irritation H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.	H222	Extremely flammable aerosol.	
H303 May be harmful if swallowed H316 Causes mild skin irritation H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.	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.	H226	Flammable liquid and vapour.	
H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.	H303	May be harmful if swallowed	
H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.	H316	Causes mild skin irritation	
H336 May cause drowsiness or dizziness.	H317	May cause an allergic skin reaction.	
·	H319	Causes serious eye irritation.	
	H336	May cause drowsiness or dizziness.	
H400 Very toxic to aquatic life.	H400	Very toxic to aquatic life.	
H410 Very toxic to aquatic life with long lasting effects.	H410	Very toxic to aquatic life with long lasting effects.	
H411 Toxic to aquatic life with long lasting effects.	H411	Toxic to aquatic life with long lasting effects.	

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