



MPM ATF ULV

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Issue date: 17/02/2023 Revision date: 28/04/2023 Supersedes: 02/02/2023 version: 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Trade name : MPM ATF ULV
Product code : 16000ULV
Type of product : Other engine, gear and lubricating oils.
Product group : Mixture

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses

Main use category : Professional use, Consumer use, Industrial use
Industrial/Professional use spec : Non-dispersive use
Used in closed systems
Function or use category : Lubricants and additives

1.3. Details of the supplier of the safety data sheet

Manufacturer

MPM International Oil Company BV
Cyclotronweg 1
NL 2629 HN Delft, Zuid Holland
Nederland
T +31 (0)15 2514030 (08.00 - 17.00 GMT+1)
info@mpmoil.com, www.mpmoil.com

1.4. Emergency telephone number

Country/Area	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Hazardous to the aquatic environment – Chronic Hazard, H412
Category 3
Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

CLP Signal word : -
Hazard statements (CLP) : H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP) : P102 - Keep out of reach of children.
P273 - Avoid release to the environment.
P501 - Dispose of contents/container in accordance with local and national regulations.
EUH-statements : EUH208 - Contains: Acetamide, 2-hydroxy, N,N-dicocoalkyl derivatives, 1,2- propanediol, 3-amino-, N,N-dicoco alkyl derivs, 2-tetradecyloxirane, reaction products with boric acid. May produce an allergic reaction.

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2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

Contains no PBT and/or vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

Component	
Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	Acetamide, 2-hydroxy,N,N-dicocoalkyl derivatives, 1,2- propanediol, 3-amino-, N,N-dicoco alkyl derivs, 1-(tert-dodecylthio)propan-2-ol (67124-09-8), Benzene, polypropene derivatives, sulfonated, calcium salts (75975-85-8), 2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol (1218787-32-6)(⁽¹⁾), 2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol (95-38-5)(⁽¹⁾), 2-tetradecyloxirane, reaction products with boric acid
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	Acetamide, 2-hydroxy,N,N-dicocoalkyl derivatives, 1,2- propanediol, 3-amino-, N,N-dicoco alkyl derivs, 1-(tert-dodecylthio)propan-2-ol (67124-09-8), Benzene, polypropene derivatives, sulfonated, calcium salts (75975-85-8), 2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol (1218787-32-6)(⁽¹⁾), 2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol (95-38-5)(⁽¹⁾), 2-tetradecyloxirane, reaction products with boric acid

(⁽¹⁾) Substance(s) in concentration below 0.1 % and displayed on a voluntary basis

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

Component	
Substance(s) not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605	Acetamide, 2-hydroxy,N,N-dicocoalkyl derivatives, 1,2- propanediol, 3-amino-, N,N-dicoco alkyl derivs, 1-(tert-dodecylthio)propan-2-ol (67124-09-8), Benzene, polypropene derivatives, sulfonated, calcium salts (75975-85-8), 2-tetradecyloxirane, reaction products with boric acid, 2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol (1218787-32-6)(⁽¹⁾), 2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol (95-38-5)(⁽¹⁾)

(⁽¹⁾) Substance(s) in concentration below 0.1 % and displayed on a voluntary basis

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Comments : Highly refined mineral oil, contains <3% (w/w) DMSO extract, according to IP346

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Thiophene, tetrahydro-, 1,1-dioxide, 3-(C9-11-isoalkyloxy)derivs., C10-rich	CAS-No.: 398141-87-2 EC-No.: 800-172-4 REACH-no: 01-2119969520-35	$\geq 1 - \leq 1.49$	Aquatic Chronic 2, H411
Acetamide, 2-hydroxy,N,N-dicocoalkyl derivatives	EC-No.: 471-920-1 REACH-no: 01-0000019770-68	$\geq 0.1 - \leq 0.99$	Skin Sens. 1B, H317
1,2- propanediol, 3-amino-, N,N-dicoco alkyl derivs	EC-No.: 482-000-4 REACH-no: 01-0000020142-86	$\geq 0.1 - \leq 0.99$	Skin Sens. 1, H317 Aquatic Chronic 3, H412

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
1-(tert-dodecylthio)propan-2-ol	CAS-No.: 67124-09-8 EC-No.: 266-582-5 REACH-no: 01-2119953277-30	$\geq 0.1 - \leq 0.75$	Skin Sens. 1B, H317 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410
Benzene, polypropene derivatives, sulfonated, calcium salts	CAS-No.: 75975-85-8 EC-No.: POLYMER REACH-no: 01-2120040541-70	$\geq 0.05 - \leq 0.2$	Skin Sens. 1B, H317
2-tetradecyloxirane, reaction products with boric acid	EC-No.: 701-392-2 REACH-no: 01-2119976364-28	$\geq 0.05 - \leq 0.2$	Skin Sens. 1B, H317
Methyl-1H-benzotriazole	CAS-No.: 29385-43-1 EC-No.: 249-596-6 REACH-no: 01-2119979081-35	$\geq 0.05 - \leq 0.2$	Acute Tox. 4 (Oral), H302 Repr. 2, H361d Aquatic Chronic 2, H411
2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol	CAS-No.: 1218787-32-6 EC-No.: 620-540-6 REACH-no: 01-2119510877-33	$\geq 0.01 - \leq 0.04$	Acute Tox. 4 (Oral), H302 Skin Corr. 1C, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=1)
2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol	CAS-No.: 95-38-5 EC-No.: 202-414-9 REACH-no: 01-2119777867-13	$\geq 0.01 - \leq 0.024$	Acute Tox. 4 (Oral), H302 Skin Corr. 1C, H314 Eye Dam. 1, H318 STOT RE 2, H373 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=1)

Specific concentration limits:

Name	Product identifier	Specific concentration limits (%)
Acetamide, 2-hydroxy,N,N-dicocoalkyl derivatives	EC-No.: 471-920-1 REACH-no: 01-0000019770-68	($9.4 \leq C < 100$) Skin Sens. 1; H317
1-(tert-dodecylthio)propan-2-ol	CAS-No.: 67124-09-8 EC-No.: 266-582-5 REACH-no: 01-2119953277-30	($14.2 \leq C < 100$) Skin Sens. 1B; H317
Benzene, polypropene derivatives, sulfonated, calcium salts	CAS-No.: 75975-85-8 EC-No.: POLYMER REACH-no: 01-2120040541-70	($10 \leq C < 100$) Skin Sens. 1B; H317

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation	: Not required.
After skin contact	: Wash skin with mild soap and water.
After eye contact	: In case of eye contact, immediately rinse with clean water for 10-15 minutes.
After ingestion	: Do NOT induce vomiting. Rinse mouth out with water. Get immediate medical advice/attention.

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4.2. Most important symptoms and effects, both acute and delayed

After inhalation	: Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
After skin contact	: Not expected to present a significant skin hazard under anticipated conditions of normal use.
After eye contact	: Not expected to present a significant eye contact hazard under anticipated conditions of normal use.
After ingestion	: Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Water spray, powder, foam and CO2.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

Precautionary measures fire	: Exercise caution when fighting any chemical fire.
Firefighting instructions	: Use water spray or fog for cooling exposed containers.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: If spilled, may cause the floor to be slippery.
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For non-emergency personnel

Protective equipment	: Gloves. Safety glasses.
Emergency procedures	: Do not breathe vapours.

For emergency responders

Protective equipment	: Wear suitable protective clothing and gloves. Safety glasses.
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6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment	: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for cleaning up	: Detergent. Clean up any spills as soon as possible, using an absorbent material to collect it.
Other information	: Spill area may be slippery. Use suitable disposal containers.

6.4. Reference to other sections

No additional information available

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed	: Avoid all unnecessary exposure. Both local exhaust and general room ventilation are usually required.
Precautions for safe handling	: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Handling temperature	: < 40 °C
Hygiene measures	: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Store in a closed container.
Storage conditions	: Keep container closed when not in use.
Storage temperature	: ≤ 40 °C
Storage area	: Store in dry, well-ventilated area.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

DNEL and PNEC

Additional information	: Based on ACGIH TLV, a concentration of 5 mg/m3 oilspray (TWA, 8 hour workday) is recommended.
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8.2. Exposure controls

Appropriate engineering controls

Technical measures:

No additional information available.

Personal protection equipment

Personal protective equipment:

Gloves. Safety glasses.

Personal protective equipment symbol(s):



Eye and face protection

Eye protection:

Safety goggles

Skin protection

Skin and body protection:

No special clothing/skin protection equipment is recommended under normal conditions of use

Hand protection:

Protective gloves

Hand protection

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Gloves	Nitrile rubber (NBR)	6 (> 480 minutes)	> 0,4		EN ISO 374

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Respiratory protection

Respiratory protection:

No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid.
Colour	: Red.
Appearance	: Oily liquid.
Odour	: Characteristic.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: Not available
Flammability (solid, gas)	: Not available
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: > 210 °C @ ASTM D92
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: Not available
Viscosity, kinematic	: 17 mm ² /s @ 40°C
Solubility	: Slightly soluble, the product remains on the water surface.
Log Kow	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: 847 kg/m ³ @ 15°C
Relative density	: Not available
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

None under normal conditions.

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

No naked flames, sparks, and do not smoke.

10.5. Incompatible materials

Strong oxidizing agent. Acids and bases.

10.6. Hazardous decomposition products

None under normal conditions.

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SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

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

1,2- propanediol, 3-amino-, N,N-dicoco alkyl derivs	
LD50 oral rat	> 2500 mg/kg bodyweight
LD50 dermal rat	> 2000 mg/kg bodyweight

1-(tert-dodecylthio)propan-2-ol (67124-09-8)	
LD50 oral rat	> 5000 mg/kg bodyweight
LD50 dermal rabbit	> 2000 mg/kg bodyweight

2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol (1218787-32-6)	
ATE CLP (oral)	1200 mg/kg bodyweight

2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol (95-38-5)	
ATE CLP (oral)	500 mg/kg bodyweight

Methyl-1H-benzotriazole (29385-43-1)	
ATE CLP (oral)	720 mg/kg bodyweight

Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Not classified
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
STOT-single exposure : Not classified
STOT-repeated exposure : Not classified

1,2- propanediol, 3-amino-, N,N-dicoco alkyl derivs	
NOAEL (oral, rat, 90 days)	150 mg/kg bodyweight

1-(tert-dodecylthio)propan-2-ol (67124-09-8)	
NOAEL (oral, rat, 90 days)	167 mg/kg bodyweight

2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol (95-38-5)	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not classified

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Viscosity, kinematic	17 mm ² /s @ 40°C

1,2- propanediol, 3-amino-, N,N-dicoco alkyl derivs	
Viscosity, kinematic	7 mm ² /s

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11.2. Information on other hazards

Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties

: The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Harmful to aquatic life with long lasting effects.

Thiophene, tetrahydro-, 1,1-dioxide, 3-(C9-11-isoalkyloxy)derivs., C10-rich (398141-87-2)

LC50 fish 1	2.4 mg/l Oncorhynchus mykiss
LC50 fish 2	3.3 mg/l Cyprinodon variegatus
EC50 Daphnia 1	4.6 mg/l Daphnia Magna
EC50 72h - Algae [1]	63 mg/l Selenastrum capricornutum
NOEC chronic fish	1 mg/l @4d Oncorhynchus mykiss
NOEC chronic crustacea	0.63 mg/l 2d Daphnia magna
NOEC chronic algae	0.313 mg/l 3d Selenastrum capricornutum

Acetamide, 2-hydroxy,N,N-dicocoalkyl derivatives

EC50 Daphnia 1	180 mg/l Daphnia magna
NOEC (chronic)	≈ 56 mg/l
NOEC chronic crustacea	100 mg/l @21DY (Daphnia magna)

1,2- propanediol, 3-amino-, N,N-dicoco alkyl derivs

LC50 fish 1	> 100 mg/l Oncorhynchus mykiss
EC50 other aquatic organisms 1	230 mg/l
EC50 72h - Algae [1]	10 mg/l Desmodesmus subspicatus
EC50 72h - Algae [2]	16 mg/l Desmodesmus subspicatus

1-(tert-dodecylthio)propan-2-ol (67124-09-8)

LC50 fish 1	0.75 mg/l Oncorhynchus mykiss
EC50 Daphnia 1	0.58 mg/l Daphnia magna
EC50 72h - Algae [1]	> 100 mg/l Selenastrum capricornutum
NOEC chronic fish	56 mg/l @4DY (Oncorhynchus mykiss)
NOEC chronic crustacea	32 mg/l @2DY (Daphnia magna)
NOEC chronic algae	100 mg/l @4DY (Selenastrum capricornutum)

2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol (1218787-32-6)

LC50 fish 1	0.1 mg/l Brachydanio rerio
EC50 Daphnia 1	0.043 mg/l Daphnia magna

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2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol (1218787-32-6)	
EC50 72h - Algae [1]	0.0053 mg/l Pseudokirchneriella subcapitata
NOEC chronic algae	0.0156 mg/l @3DY (Pseudokirchneriella subcapitata)
2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol (95-38-5)	
LC50 fish 1	0.3 mg/l Brachydanio rerio
EC50 Daphnia 1	0.163 mg/l Daphnia magna
EC50 Daphnia 2	0.34 mg/l
EC50 72h - Algae [1]	0.03 mg/l
NOEC chronic algae	0.011 mg/l
2-tetradecyloxirane, reaction products with boric acid	
LC50 fish 1	> 100 mg/l (Oncorhynchus mykiss)
EC50 Daphnia 1	> 100 mg/l (Daphnia magna)
EC50 72h - Algae [1]	> 100 mg/l (Selenastrum capricornutum)
NOEC chronic algae	10 mg/l Daphnia magna
NOEC (acute)	NOEC Acute 32 mg/l @ 2DY (Daphnia Magna)
Methyl-1H-benzotriazole (29385-43-1)	
LC50 fish 1	25.5 mg/l (Pimephales promelas)
LC50 fish 2	65 mg/l (Brachydanio rerio)
EC50 Daphnia 1	87.4 mg/l (Daphnia magna)
EC50 Daphnia 2	8.58 mg/l (Daphnia magna)
EC50 72h - Algae [1]	62 mg/l (Selenastrum capricornutum)
ErC50 (algae)	75 mg/l @ OECD Guideline 201, Pseudokirchneriella subcapitata
NOEC chronic crustacea	184 mg/l @21DY (Daphnia magna)
12.2. Persistence and degradability	
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Persistence and degradability	Not soluble in water, so only minimally biodegradable.
Thiophene, tetrahydro-, 1,1-dioxide, 3-(C9-11-isoalkyloxy)derivs., C10-rich (398141-87-2)	
Persistence and degradability	Not readily biodegradable.
BOD (% of ThOD)	9.6 % ThOD Thod 28d OECD TG 301F
Acetamide, 2-hydroxy,N,N-dicocoalkyl derivatives	
Persistence and degradability	Rapidly degradable
1,2- propanediol, 3-amino-, N,N-dicoco alkyl derivs	
Persistence and degradability	Rapidly degradable
1-(tert-dodecylthio)propan-2-ol (67124-09-8)	
Persistence and degradability	Rapidly degradable
BOD (% of ThOD)	5.9 % ThOD @28DY OECD TG 301 F

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Benzene, polypropene derivatives, sulfonated, calcium salts (75975-85-8)	
Persistence and degradability	Rapidly degradable
2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol (1218787-32-6)	
Persistence and degradability	Rapidly degradable
BOD (% of ThOD)	63 % ThOD @28DY OECD TG 301 D
2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol (95-38-5)	
Persistence and degradability	Rapidly degradable
2-tetradecyloxirane, reaction products with boric acid	
Persistence and degradability	Not readily biodegradable.
Biodegradation	26.7 % @28d
Methyl-1H-benzotriazole (29385-43-1)	
Persistence and degradability	Rapidly degradable
12.3. Bioaccumulative potential	
Thiophene, tetrahydro-, 1,1-dioxide, 3-(C9-11-isoalkyloxy)derivs., C10-rich (398141-87-2)	
Bioconcentration factor (BCF REACH)	27.54
Log Kow	4.1
Bioaccumulative potential	Bioaccumulation possible.
1-(tert-dodecylthio)propan-2-ol (67124-09-8)	
Log Kow	5.7
2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol (1218787-32-6)	
BCF fish 1	110.2 mg/kg
Log Kow	3.6
2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol (95-38-5)	
Log Kow	> 7
2-tetradecyloxirane, reaction products with boric acid	
Log Kow	9.4
Methyl-1H-benzotriazole (29385-43-1)	
Log Kow	1.71
12.4. Mobility in soil	
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Soil	Prevent soil and water pollution.
Thiophene, tetrahydro-, 1,1-dioxide, 3-(C9-11-isoalkyloxy)derivs., C10-rich (398141-87-2)	
Soil	Adsorbs into the soil.

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12.5. Results of PBT and vPvB assessment

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This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

Component

Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	Acetamide, 2-hydroxy,N,N-dicocoalkyl derivatives, 1,2- propanediol, 3-amino-, N,N-dicoco alkyl derivs, 1-(tert-dodecylthio)propan-2-ol (67124-09-8), Benzene, polypropene derivatives, sulfonated, calcium salts (75975-85-8), 2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol (1218787-32-6)(¹), 2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol (95-38-5)(¹), 2-tetradecyloxirane, reaction products with boric acid
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	Acetamide, 2-hydroxy,N,N-dicocoalkyl derivatives, 1,2- propanediol, 3-amino-, N,N-dicoco alkyl derivs, 1-(tert-dodecylthio)propan-2-ol (67124-09-8), Benzene, polypropene derivatives, sulfonated, calcium salts (75975-85-8), 2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol (1218787-32-6)(¹), 2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol (95-38-5)(¹), 2-tetradecyloxirane, reaction products with boric acid

(¹) Substance(s) in concentration below 0.1 % and displayed on a voluntary basis

12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : The product does not contain any substances with endocrine disrupting properties.

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Additional information : This material and its container must be disposed of in a safe way, and as per local legislation.
European List of Waste (LoW, EC 2000/532) : 13 02 06* - synthetic engine, gear and lubricating oils

SECTION 14: Transport information

In accordance with ADR / IMDG

ADR	IMDG
14.1. UN number or ID number	
Not regulated for transport	
14.2. UN proper shipping name	
Not regulated	Not regulated
14.3. Transport hazard class(es)	
Not regulated	Not regulated
14.4. Packing group	
Not regulated	Not regulated
14.5. Environmental hazards	
Not regulated	Not regulated

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according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

ADR	IMDG
No supplementary information available	

14.6. Special precautions for user

Overland transport

Not regulated

Transport by sea

Not regulated

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

Explosives Precursors Regulation (EU 2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (EC 273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.2. Chemical safety assessment

No chemical safety assessment has been carried out for the substance or the mixture by the supplier

SECTION 16: Other information

Indication of changes		
Section	Changed item	Comments
	Supersedes	Added
	Revision date	Modified

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Indication of changes		
Section	Changed item	Comments
2.1	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Modified
2.2	Precautionary statements (CLP)	Modified
3	Composition/information on ingredients	Modified

Full text of H- and EUH-statements:	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
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
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
EUH208	Contains: Acetamide, 2-hydroxy,N,N-dicocoalkyl derivatives, 1,2- propanediol, 3-amino-, N,N-dicoco alkyl derivs, 2-tetradecyloxirane, reaction products with boric acid. May produce an allergic reaction.
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H361d	Suspected of damaging the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.
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.
H412	Harmful to aquatic life with long lasting effects.
Repr. 2	Reproductive toxicity, Category 2
Skin Corr. 1C	Skin corrosion/irritation, Category 1, Sub-Category 1C
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2

The classification complies with : ATP 12

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.