



# MPM ATF MB7

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
Issue date: 18/10/2010 Revision date: 28/04/2023 Supersedes: 31/01/2023 version: 6.1

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : MPM ATF MB7  
Product code : 16000MB7  
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](mailto:info@mpmoil.com), [www.mpmoil.com](http://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: C14-18 alpha-olefin epoxide, reaction products with boric acid, 1,2-propanediol, 3-amino-, N,N-dicoco alkyl derivs, Acetamide, 2-hydroxy, N,N-dicocoalkyl derivatives. May produce an allergic reaction.

# MPM ATF MB7

## Safety Data Sheet

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

### 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	C14-18 alpha-olefin epoxide, reaction products with boric acid, 2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol (1218787-32-6), 1-(tert-dodecylthio)propan-2-ol (67124-09-8), 1,2-propanediol, 3-amino-, N,N-dicoco alkyl derivs, Benzene, polypropene derivatives, sulfonated, calcium salts (75975-85-8), Acetamide, 2-hydroxy,N,N-dicocoalkyl derivatives, 2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol (95-38-5), Reaction products of benzeneamine, N-phenyl- with nonene (branched) (36878-20-3)
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	C14-18 alpha-olefin epoxide, reaction products with boric acid, 2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol (1218787-32-6), 1-(tert-dodecylthio)propan-2-ol (67124-09-8), 1,2-propanediol, 3-amino-, N,N-dicoco alkyl derivs, Benzene, polypropene derivatives, sulfonated, calcium salts (75975-85-8), Acetamide, 2-hydroxy,N,N-dicocoalkyl derivatives, 2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol (95-38-5), Reaction products of benzeneamine, N-phenyl- with nonene (branched) (36878-20-3)

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	Reaction products of benzeneamine, N-phenyl- with nonene (branched) (36878-20-3), 1,2-propanediol, 3-amino-, N,N-dicoco alkyl derivs, Acetamide, 2-hydroxy,N,N-dicocoalkyl derivatives, 1-(tert-dodecylthio)propan-2-ol (67124-09-8), C14-18 alpha-olefin epoxide, reaction products with boric acid, 2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol (1218787-32-6), Benzene, polypropene derivatives, sulfonated, calcium salts (75975-85-8), 2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol (95-38-5)

## 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
Reaction products of benzeneamine, N-phenyl- with nonene (branched)	CAS-No.: 36878-20-3 EC-No.: 253-249-4 REACH-no: 01-2119488911-28	$\geq 1 - \leq 1.49$	Aquatic Chronic 4, H413
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

# MPM ATF MB7

## Safety Data Sheet

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

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
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-(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
C14-18 alpha-olefin epoxide, reaction products with boric acid	EC-No.: 939-580-3 REACH-no: 01-2119976364-28	$\geq 0.1 - \leq 0.24$	Skin Sens. 1B, H317
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	$\geq 0.1 - \leq 0.24$	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)
Benzene, polypropene derivatives, sulfonated, calcium salts	CAS-No.: 75975-85-8 EC-No.: POLYMER REACH-no: 01-2120040541-70	$\geq 0.1 - \leq 0.24$	Skin Sens. 1B, H317
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	$\geq 0.1 - \leq 0.24$	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.

# MPM ATF MB7

## Safety Data Sheet

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

### 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

# MPM ATF MB7

## Safety Data Sheet

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

### 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

# MPM ATF MB7

## Safety Data Sheet

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

### 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	: > 200 °C @ ASTM D92
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: Not available
Viscosity, kinematic	: 33 mm <sup>2</sup> /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	: 850 kg/m <sup>3</sup> @ 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.

# MPM ATF MB7

## Safety Data Sheet

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

### 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

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

ATE CLP (oral)	1200 mg/kg bodyweight
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#### 1-(tert-dodecylthio)propan-2-ol (67124-09-8)

LD50 oral rat	> 5000 mg/kg bodyweight
LD50 dermal rabbit	> 2000 mg/kg bodyweight

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

LD50 oral rat	> 2500 mg/kg bodyweight
LD50 dermal rat	> 2000 mg/kg bodyweight

#### 2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol (95-38-5)

ATE CLP (oral)	500 mg/kg bodyweight
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#### Reaction products of benzeneamine, N-phenyl- with nonene (branched) (36878-20-3)

LD50 oral rat	> 5000 mg/m <sup>3</sup> (OECD 401 method)
LD50 dermal rat	> 2000 mg/kg (OECD 402 method)

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

NOAEL (oral, rat, 90 days)	167 mg/kg bodyweight
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#### 1,2- propanediol, 3-amino-, N,N-dicoco alkyl derivs

NOAEL (oral, rat, 90 days)	150 mg/kg bodyweight
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#### 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.
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Aspiration hazard : Not classified

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Viscosity, kinematic	33 mm <sup>2</sup> /s @ 40°C
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#### 1,2- propanediol, 3-amino-, N,N-dicoco alkyl derivs

Viscosity, kinematic	7 mm <sup>2</sup> /s
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# MPM ATF MB7

## Safety Data Sheet

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

### 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

General : Harmful to aquatic life with long lasting effects.  
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

#### C14-18 alpha-olefin epoxide, 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 (acute)	NOEC Acute 32 mg/l @ 2DY (Daphnia Magna)

#### 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
EC50 72h - Algae [1]	0.0053 mg/l Pseudokirchneriella subcapitata
NOEC chronic algae	0.0156 mg/l @3DY (Pseudokirchneriella subcapitata)

#### 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)



# MPM ATF MB7

## Safety Data Sheet

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

<b>1,2- propanediol, 3-amino-, N,N-dicoco alkyl derivs</b>	
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
<b>Acetamide, 2-hydroxy,N,N-dicocoalkyl derivatives</b>	
EC50 Daphnia 1	180 mg/l Daphnia magna
NOEC (chronic)	≈ 56 mg/l
NOEC chronic crustacea	100 mg/l @21DY (Daphnia magna)
<b>2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol (95-38-5)</b>	
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
<b>Reaction products of benzeneamine, N-phenyl- with nonene (branched) (36878-20-3)</b>	
LC50 fish 1	100 mg/l OECD 203 (Danio rerio @96h)
EC50 Daphnia 1	> 100 mg/l OECD 202 (Daphnia magna @48h)
EC50 other aquatic organisms 1	> 100 mg/l OECD 201 (Desmodesmus subspicatus @72h)
<b>12.2. Persistence and degradability</b>	
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Persistence and degradability	Not soluble in water, so only minimally biodegradable.
<b>Thiophene, tetrahydro-, 1,1-dioxide, 3-(C9-11-isoalkyloxy)derivs., C10-rich (398141-87-2)</b>	
Persistence and degradability	Not readily biodegradable.
BOD (% of ThOD)	9.6 % ThOD Thod 28d OECD TG 301F
<b>C14-18 alpha-olefin epoxide, reaction products with boric acid</b>	
Persistence and degradability	Rapidly degradable
<b>2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol (1218787-32-6)</b>	
Persistence and degradability	Rapidly degradable
BOD (% of ThOD)	63 % ThOD @28DY OECD TG 301 D
<b>1-(tert-dodecylthio)propan-2-ol (67124-09-8)</b>	
Persistence and degradability	Rapidly degradable
BOD (% of ThOD)	5.9 % ThOD @28DY OECD TG 301 F
<b>1,2- propanediol, 3-amino-, N,N-dicoco alkyl derivs</b>	
Persistence and degradability	Rapidly degradable
<b>Benzene, polypropene derivatives, sulfonated, calcium salts (75975-85-8)</b>	
Persistence and degradability	Rapidly degradable

# MPM ATF MB7

## Safety Data Sheet

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

Acetamide, 2-hydroxy,N,N-dicocoalkyl derivatives	
Persistence and degradability	Rapidly degradable
2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol (95-38-5)	
Persistence and degradability	Rapidly degradable
Reaction products of benzeneamine, N-phenyl- with nonene (branched) (36878-20-3)	
Persistence and degradability	Rapidly degradable
Biodegradation	1 % @28d

### 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.
C14-18 alpha-olefin epoxide, reaction products with boric acid	
Log Kow	9.4 Calc.
2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol (1218787-32-6)	
BCF fish 1	110.2 mg/kg
Log Kow	3.6
1-(tert-dodecylthio)propan-2-ol (67124-09-8)	
Log Kow	5.7
2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol (95-38-5)	
Log Kow	> 7
Reaction products of benzeneamine, N-phenyl- with nonene (branched) (36878-20-3)	
Log Pow	> 7.6
Bioaccumulative potential	Bioaccumulative potential.

### 12.4. Mobility in soil

MPM ATF MB7	
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.
Reaction products of benzeneamine, N-phenyl- with nonene (branched) (36878-20-3)	
Soil	Adsorbs into the soil.

### 12.5. Results of PBT and vPvB assessment

MPM ATF MB7	
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	

# MPM ATF MB7

## Safety Data Sheet

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

Component	
Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	C14-18 alpha-olefin epoxide, reaction products with boric acid, 2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol (1218787-32-6), 1-(tert-dodecylthio)propan-2-ol (67124-09-8), 1,2-propanediol, 3-amino-, N,N-dicoco alkyl derivs, Benzene, polypropene derivatives, sulfonated, calcium salts (75975-85-8), Acetamide, 2-hydroxy,N,N-dicocoalkyl derivatives, 2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol (95-38-5), Reaction products of benzeneamine, N-phenyl- with nonene (branched) (36878-20-3)
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	C14-18 alpha-olefin epoxide, reaction products with boric acid, 2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol (1218787-32-6), 1-(tert-dodecylthio)propan-2-ol (67124-09-8), 1,2-propanediol, 3-amino-, N,N-dicoco alkyl derivs, Benzene, polypropene derivatives, sulfonated, calcium salts (75975-85-8), Acetamide, 2-hydroxy,N,N-dicocoalkyl derivatives, 2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol (95-38-5), Reaction products of benzeneamine, N-phenyl- with nonene (branched) (36878-20-3)

### 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
<b>14.1. UN number or ID number</b>	
Not regulated for transport	
<b>14.2. UN proper shipping name</b>	
Not regulated	Not regulated
<b>14.3. Transport hazard class(es)</b>	
Not regulated	Not regulated
<b>14.4. Packing group</b>	
Not regulated	Not regulated
<b>14.5. Environmental hazards</b>	
Not regulated	Not regulated
No supplementary information available	

### 14.6. Special precautions for user

#### Overland transport

Not regulated

# MPM ATF MB7

## Safety Data Sheet

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

### 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)

##### EU restriction list (REACH Annex XVII)

Reference code	Applicable on
3(c)	MPM ATF MB7 ; Thiophene, tetrahydro-, 1,1-dioxide, 3-(C9-11-isoalkyloxy)derivs., C10-rich

##### 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 additional information available

## SECTION 16: Other information

### Indication of changes

Section	Changed item	Comments
	Supersedes	<b>Modified</b>
	Revision date	<b>Modified</b>

### 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

# MPM ATF MB7

## Safety Data Sheet

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

Full text of H- and EUH-statements:	
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
Aquatic Chronic 4	Hazardous to the aquatic environment – Chronic Hazard, Category 4
EUH208	Contains: C14-18 alpha-olefin epoxide, reaction products with boric acid, 1,2- propanediol, 3-amino-, N,N-dicoco alkyl derivs, Acetamide, 2-hydroxy,N,N-dicocoalkyl derivatives. 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.
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.
H413	May cause long lasting harmful effects to aquatic life.
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.