



MPM 4 Stroke Motorcycle Oil 10W-30 Synthetic

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Issue date: 27-11-2020 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 4 Stroke Motorcycle Oil 10W-30 Synthetic
Product code : 54000A

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

1.2.1. Relevant identified uses

Main use category : Professional use, Consumer use
Use of the substance/mixture : Automotive care products
Function or use category : Lubricants and additives

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Manufacturer

MPM International Oil Company BV
Cyclotronweg 1
2629 HN Delft - Nederland
T +31 (0)15 2514030
info@mpmoil.com - www.mpmoil.com

1.4. Emergency telephone number

Emergency number : +31 (0)15 2514030 (08.00 - 17.00 GMT+1)

Country	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)	
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER	+44 20 7188 7188	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] Show CLP information + DPD classification in section 2.1

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

EUH-statements : EUH208 - Contains: Benzene, mono-C10-13-alkyl derivs, fractionation bottoms, heavy ends, sulfonated, calcium salts, Benzenesulfonic acid, mono-C16-24 alkyl derivatives, calcium salts. May produce an allergic reaction.

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2.3. Other hazards

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

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 3: Composition/information on ingredients

3.1. Substances

Not applicable

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]
Phosphorodithioic acid, mixed 0,0-bis(1,3-dimethylbutyl and iso-Pr)esters, zinc salts	CAS-No.: 84605-29-8 EC-No.: 283-392-8 REACH-no: 01-2119493626-26	$\geq 0,5 - \leq 0,99$	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 2, H411
reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate	CAS-No.: 125643-61-0 EC-No.: 406-040-9 EC Index-No.: 607-530-00-7 REACH-no: 01-0000015551-76	$\geq 0,3 - \leq 0,49$	Aquatic Chronic 4, H413
Reaction products of benzeneamine, N-phenyl- with nonene (branched)	CAS-No.: 36878-20-3 EC-No.: 253-249-4 REACH-no: 01-2119488911-28	$\geq 0,249 - \leq 0,299$	Aquatic Chronic 3, H412
Benzene, mono-C10-13-alkyl derivs., fractionation bottoms, heavy ends, sulfonated, calcium salts	CAS-No.: 148520-84-7 EC-No.: 800-941-4	$\geq 0,19 - \leq 0,249$	Skin Sens. 1B, H317
hexamolybdenum(3+)	CAS-No.: 90901-24-9+253873-83-5+253873-84-6 EC-No.: 441-570-4	$\geq 0,1 - \leq 0,19$	Skin Irrit. 2, H315 Aquatic Chronic 2, H411
Benzenesulfonic acid, mono-C16-24 alkyd derivatives, calcium salts	CAS-No.: 70024-69-0 EC-No.: 274-263-7 REACH-no: 01-2119492616-28	$\geq 0,1 - \leq 0,149$	Skin Sens. 1B, H317

Specific concentration limits

Name	Product identifier	Specific concentration limits
Phosphorodithioic acid, mixed 0,0-bis(1,3-dimethylbutyl and iso-Pr)esters, zinc salts	CAS-No.: 84605-29-8 EC-No.: 283-392-8 REACH-no: 01-2119493626-26	(6,25 \leq C < 100) Skin Irrit. 2, H315 (10 \leq C < 12,5) Eye Irrit. 2, H319 (12,5 \leq C < 100) Eye Dam. 1, H318

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

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SECTION 4: First aid measures

4.1. Description of first aid measures

General	: Vomiting: prevent asphyxia/aspiration pneumonia.
After inhalation	: Move the affected person away from the contaminated area and into the fresh air. Get medical advice/attention if you feel unwell.
After skin contact	: After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.
After eye contact	: In case of eye contact, immediately rinse with clean water for 10-15 minutes. Consult an ophthalmologist if irritation persists.
After ingestion	: If swallowed, seek medical advice immediately and show this container or label. Rinse mouth out with water. Do not induce vomiting. Never give anything by mouth to an unconscious person.

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

Symptoms/effects	: Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization of susceptible persons.
After inhalation	: Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
After skin contact	: Repeated or prolonged contact may cause allergic reactions in very susceptible persons.
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 CO ₂ .
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: No additional information available.
Hazardous decomposition products in case of fire	: Incomplete combustion releases dangerous carbon monoxide, carbon dioxide and other toxic gases.

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

6.1.1. For non-emergency personnel

Protective equipment	: Wear suitable protective clothing and gloves.
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6.1.2. For emergency responders

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

Notify authorities if product enters sewers or public waters. Avoid release to the environment.

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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	: Alkaline cleaner. Sand or other absorbent.
Other information	: Spill area may be slippery.

6.4. Reference to other sections

Full text of H-statements: see section 16.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Avoid all unnecessary exposure. Both local exhaust and general room ventilation are usually required.
Handling temperature	: < 40 °C
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage temperature	: < 40 °C
Storage area	: Keep out of reach of children. Store in a closed container. Keep in a cool, well-ventilated place. Store in a dry place.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. National occupational exposure and biological limit values

No additional information available

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

Additional information	: Based on ACGIH TLV, a concentration of 5 mg/m ³ oilspray (TWA, 8 hour workday) is recommended.
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8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Technical measures:

Provide local exhaust or general room ventilation. Ensure that there is a suitable ventilation system.

8.2.2. Personal protection equipment

Personal protective equipment:

Safety glasses. Gloves. Face shield.

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Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Safety goggles

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Wear suitable gloves

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

Other skin protection

Materials for protective clothing:

Wear suitable protective clothing, gloves and eye/face protection

8.2.2.3. Respiratory protection

Respiratory protection:

No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

No additional information available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid.
Colour	: Amber.
Appearance	: Oily.
Odour	: Characteristic.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: -18 °C
Boiling point	: > 200 °C
Flammability	: Not available
Explosive limits	: Not available
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: > 210 °C
Auto-ignition temperature	: > 300 °C
Decomposition temperature	: Not available
pH	: Not available
Viscosity, kinematic	: 9,4 – 12,3 mm ² /s (40°C)
Solubility	: Slightly soluble, the product remains on the water surface.
Log Kow	: Not available

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Vapour pressure	: ≤ 0,1 hPa @20C
Vapour pressure at 50°C	: Not available
Density	: 853 kg/m ³
Relative density	: Not available
Relative vapour density at 20°C	: Not available
Particle size	: Not applicable
Particle size distribution	: Not applicable
Particle shape	: Not applicable
Particle aspect ratio	: Not applicable
Particle aggregation state	: Not applicable
Particle agglomeration state	: Not applicable
Particle specific surface area	: Not applicable
Particle dustiness	: Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions of use.

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

None under normal conditions.

10.5. Incompatible materials

Oxidizing agent. Acids and bases.

10.6. Hazardous decomposition products

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, nitrogen oxides (NO_x), sulphur compounds.

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

Phosphorodithioic acid, mixed 0,0-bis(1,3-dimethylbutyl and iso-Pr)esters, zinc salts (84605-29-8)	
LD50 oral rat	3150 mg/kg OECD 401
LD50 dermal rat	> 2002 mg/kg OECD 402
LC50 Inhalation - Rat	> 2,3 mg/l/4h OECD 403
ATE CLP (oral)	3150 mg/kg bodyweight

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reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (125643-61-0)	
LD50 oral rat	> 2000 mg/kg OECD 401
LD50 dermal rat	> 2000 mg/kg OECD 402
Benzene, mono-C10-13-alkyl derivs., fractionation bottoms, heavy ends, sulfonated, calcium salts (148520-84-7)	
LD50 oral rat	≥ 5000 mg/kg
LD50 dermal rat	≥ 5000 mg/kg
LC50 Inhalation - Rat	≥ 1,7 mg/l/4h
hexamolybdenum(3+) (90901-24-9+253873-83-5+253873-84-6)	
LD50 oral rat	≥ 2000 mg/kg
LD50 dermal rat	≥ 2000 mg/kg
Benzenesulfonic acid, mono-C16-24 alkyl derivatives, calcium salts (70024-69-0)	
LD50 oral rat	> 5000 mg/kg OECD 401
LD50 dermal rabbit	> 5000 mg/kg OECD 402
LC50 Inhalation - Rat (Vapours)	> 1,7 mg/l/4h EPA OPP 81-3
Reaction products of benzeneamine, N-phenyl- with nonene (branched) (36878-20-3)	
LD50 oral rat	> 5000 mg/kg OECD 401
LD50 oral	2000 mg/kg OECD 402
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
Benzene, mono-C10-13-alkyl derivs., fractionation bottoms, heavy ends, sulfonated, calcium salts (148520-84-7)	
NOAEL (chronic, oral, animal/male, 2 years)	1000 mg/kg bodyweight
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
Benzenesulfonic acid, mono-C16-24 alkyl derivatives, calcium salts (70024-69-0)	
NOAEL (acute, oral, animal/male)	> 500 mg/kg bodyweight OECD 407
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
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Viscosity, kinematic	9,4 – 12,3 mm ² /s (40°C)

11.2. Information on other hazards

11.2.1. 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 %

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11.2.2. Other information

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) : Not classified

Phosphorodithioic acid, mixed 0,0-bis(1,3-dimethylbutyl and iso-Pr)esters, zinc salts (84605-29-8)	
LC50 fish 1	> 4,5 mg/l OECD 203 (Oncorhynchus mykiss)
EC50 Daphnia 1	23 mg/l OECD 202 (Daphnia magna)
EC50 72h - Algae [1]	21 mg/l OECD 201 (Desmodesmus subspicatus)
NOEC (acute)	1,8 mg/l @4d - Oncorhynchus mykiss
NOEC chronic crustacea	0,4 mg/l @21d OECD 211 (Daphnia magna)
reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (125643-61-0)	
LC50 fish 1	> 74 mg/l OECD 203, (Danio rerio, 96h)
EC50 Daphnia 1	> 100 mg/l OECD 202, (Daphnia magna, 24h)
EC50 72h - Algae [1]	> 3 mg/l > 3 mg/l OECD 201, (Desmodesmus subspicatus, 72h)
Benzene, mono-C10-13-alkyl derivs., fractionation bottoms, heavy ends, sulfonated, calcium salts (148520-84-7)	
LC50 fish 1	≥ 1000 mg/l
EC50 Daphnia 1	≥ 1000 mg/l
ErC50 (algae)	≥ 1000 mg/l
hexamolybdenum(3+) (90901-24-9+253873-83-5+253873-84-6)	
LC50 fish 1	400 mg/l
EC50 Daphnia 1	15 mg/l
ErC50 (algae)	3,4 mg/l
Benzenesulfonic acid, mono-C16-24 alkyl derivatives, calcium salts (70024-69-0)	
LC50 fish 1	> 1000 mg/l pimephales promelas
LC50 fish 2	> 10000 mg/l cyprinodon variegatus
EC50 Daphnia 1	> 1000 mg/l
EC50 other aquatic organisms 2	> 10000 mg/l 0.1d - slib
EC50 96h - Algae [1]	> 1000 mg/l Chlorophyta
Reaction products of benzeneamine, N-phenyl- with nonene (branched) (36878-20-3)	
LC50 fish 1	> 100 mg/l Brachydanio rerio
EC50 Daphnia 1	> 100 mg/l Daphnia magna
EC50 other aquatic organisms 2	> 1000 mg/l 0,1d slib
EC50 72h - Algae [1]	600 mg/l 3d Chlorophyta
EC50 72h - Algae [2]	> 100 mg/l Desmodesmus Subspicatus
EC50 96h - Algae [1]	870 mg/l Pseudokirchneriella subcapitata

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12.2. Persistence and degradability

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Persistence and degradability	Not soluble in water, so only minimally biodegradable.
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Phosphorodithioic acid, mixed 0,0-bis(1,3-dimethylbutyl and iso-Pr)esters, zinc salts (84605-29-8)

Biodegradation	1,5 % @28d OECD TG 301 B
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reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (125643-61-0)

Persistence and degradability	The product is not biodegradable.
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Benzene, mono-C10-13-alkyl derivs., fractionation bottoms, heavy ends, sulfonated, calcium salts (148520-84-7)

Persistence and degradability	Not readily biodegradable.
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Biodegradation	1,5 – 9,1 %
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Benzenesulfonic acid, mono-C16-24 alkyl derivatives, calcium salts (70024-69-0)

BOD (% of ThOD)	8 % ThOD 28d - OECD TG 301 D
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Reaction products of benzeneamine, N-phenyl- with nonene (branched) (36878-20-3)

Biodegradation	0 % @28d OECD TG 301B
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12.3. Bioaccumulative potential

Phosphorodithioic acid, mixed 0,0-bis(1,3-dimethylbutyl and iso-Pr)esters, zinc salts (84605-29-8)

Log Kow	0,56 Measurements
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reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (125643-61-0)

BCF fish 1	260 OECD 305 (Oncorhynchus mykiss, 35d)
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Log Pow	9,2
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Benzene, mono-C10-13-alkyl derivs., fractionation bottoms, heavy ends, sulfonated, calcium salts (148520-84-7)

Log Kow	4,46 – 10,88
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Benzenesulfonic acid, mono-C16-24 alkyl derivatives, calcium salts (70024-69-0)

Log Kow	4,46 (4,46 – 10,88) OECD 107/117
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Reaction products of benzeneamine, N-phenyl- with nonene (branched) (36878-20-3)

Bioconcentration factor (BCF REACH)	1584,89
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Log Pow	> 7,6
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Log Kow	10,88
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12.4. Mobility in soil

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Soil	Prevent soil and water pollution.
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reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (125643-61-0)

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

Soil	Adsorbs into the soil.
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12.5. Results of PBT and vPvB assessment

No additional information available

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

Regional waste regulation : Disposal must be done according to official regulations.
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

14.1. UN number or ID number

UN-No. : Not applicable
UN-No. (IMDG) : Not applicable

14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable
Proper Shipping Name (IMDG) : Not applicable

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not applicable

IMDG

Transport hazard class(es) (IMDG) : Not applicable

14.4. Packing group

Packing group (ADR) : Not applicable
Packing group (IMDG) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No
Marine pollutant : No
Other information : No supplementary information available

14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

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SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

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

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

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

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

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

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Abbreviations and acronyms

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
ED	Endocrine disrupting properties
EC-No.	European Community number
vPvB	Very Persistent and Very Bioaccumulative
SDS	Safety Data Sheet
TRGS	Technical Rules for Hazardous Substances
TLM	Median Tolerance Limit
ThOD	Theoretical oxygen demand (ThOD)
STP	Sewage treatment plant
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
PBT	Persistent Bioaccumulative Toxic
OEL	Occupational Exposure Limit
OECD	Organisation for Economic Co-operation and Development
NOEC	No-Observed Effect Concentration

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Abbreviations and acronyms	
NOAEC	No-Observed Adverse Effect Concentration
LOAEL	Lowest Observed Adverse Effect Level
LD50	Median lethal dose
N.O.S.	Not Otherwise Specified
NOAEL	No-Observed Adverse Effect Level
LC50	Median lethal concentration
IOELV	Indicative Occupational Exposure Limit Value
IATA	International Air Transport Association
IARC	International Agency for Research on Cancer
IMDG	International Maritime Dangerous Goods
EN	European Standard

Data sources	: Supplier's safety documents. ECHA (European Chemicals Agency).
Training advice	: Normal use of this product shall imply use in accordance with the instructions on the packaging.
Other information	: The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

Full text of H- and EUH-statements	
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: Benzene, mono-C10-13-alkyl derivs, fractionation bottoms, heavy ends, sulfonated, calcium salts, Benzenesulfonic acid, mono-C16-24 alkyl derivatives, calcium salts. May produce an allergic reaction.
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
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 Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1B	Skin sensitisation, category 1B

SDS MPM REACH

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.