



# MPM Gear Oil 85W-140 GL-5 Mineral LS

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
Issue date: 11/04/2011 Revision date: 14/03/2025 Supersedes: 12/07/2023 version: 4.0

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : MPM Gear Oil 85W-140 GL-5 Mineral LS  
Product code : 14000LS  
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.

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### Nordic countries regulation

#### Norway

Declaration number : 672699

### 2.3. Other hazards

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	(Z)-N-9-octadecenyl-1,3-diaminopropane (7173-62-8)( <sup>1</sup> ), C16-18-(even numbered, saturated and unsaturated)- alkylamines (1213789-63-9)( <sup>1</sup> )
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	(Z)-N-9-octadecenyl-1,3-diaminopropane (7173-62-8)( <sup>1</sup> ), C16-18-(even numbered, saturated and unsaturated)- alkylamines (1213789-63-9)( <sup>1</sup> )

(<sup>1</sup>) 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	(Z)-N-9-octadecenyl-1,3-diaminopropane (7173-62-8)( <sup>1</sup> ), C16-18-(even numbered, saturated and unsaturated)- alkylamines (1213789-63-9)( <sup>1</sup> )

(<sup>1</sup>) 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]
Polysulphides, di-tert-Bu	CAS-No.: 68937-96-2 EC-No.: 273-103-3 REACH-no: 01-2119540515-43	$\geq 1 - \leq 4.5$	Skin Sens. 1B, H317 Aquatic Chronic 3, H412
Phosphoric acid ester amine salt	EC-No.: 931-384-6 REACH-no: 01-2119493620-38	$\geq 0.1 - \leq 0.9$	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411
(Z)-N-9-octadecenyl-1,3-diaminopropane	CAS-No.: 7173-62-8 EC-No.: 230-528-9 REACH-no: 01-2119487002-46	$\geq 0.01 - \leq 0.099$	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT RE 1, H372 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=10)

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
C16-18-(even numbered, saturated and unsaturated)-alkylamines	CAS-No.: 1213789-63-9 EC-No.: 627-034-4 REACH-no: 01-2119473797-19	$\geq 0.01 - \leq 0.099$	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 STOT SE 3, H335 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Specific concentration limits:		
Name	Product identifier	Specific concentration limits (%)
Polysulphides, di-tert-Bu	CAS-No.: 68937-96-2 EC-No.: 273-103-3 REACH-no: 01-2119540515-43	$(46 \leq C < 100)$ Skin Sens. 1B; H317
Phosphoric acid ester amine salt	EC-No.: 931-384-6 REACH-no: 01-2119493620-38	$(9.39 \leq C < 100)$ Skin Sens. 1; H317 $(50.01 \leq C < 100)$ Eye Irrit. 2; H319
C16-18-(even numbered, saturated and unsaturated)-alkylamines	CAS-No.: 1213789-63-9 EC-No.: 627-034-4 REACH-no: 01-2119473797-19	$(10 \leq C < 100)$ STOT RE 2; H373

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.

### 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.

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### 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.

#### 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.

### 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

## 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

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### DNEL and PNEC

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

#### 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

##### 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	: Amber.
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	: > 215 °C @ ASTM D92
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available

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pH	: Not available
Viscosity, kinematic	: 320 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	: 905 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

#### Information with regard to physical hazard classes

Explosion limits	: 1 – 6 vol %
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## 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.

## 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

Phosphoric acid ester amine salt	
ATE CLP (oral)	500 mg/kg bodyweight

(Z)-N-9-octadecenyl-1,3-diaminopropane (7173-62-8)	
LD50 oral rat	>
ATE CLP (oral)	500 mg/kg bodyweight

C16-18-(even numbered, saturated and unsaturated)- alkylamines (1213789-63-9)	
ATE CLP (oral)	500 mg/kg bodyweight

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified

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Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified

### C16-18-(even numbered, saturated and unsaturated)- alkylamines (1213789-63-9)

STOT-single exposure	May cause respiratory irritation.
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STOT-repeated exposure	: Not classified
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### Phosphoric acid ester amine salt

NOAEL (oral, rat, 90 days)	150 mg/kg bodyweight/day @28d (OECD 407)
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### (Z)-N-9-octadecenyl-1,3-diaminopropane (7173-62-8)

STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.
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### C16-18-(even numbered, saturated and unsaturated)- alkylamines (1213789-63-9)

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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### MPM Gear Oil 85W-140 GL-5 Mineral LS

Viscosity, kinematic	320 mm <sup>2</sup> /s @ 40°C
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### (Z)-N-9-octadecenyl-1,3-diaminopropane (7173-62-8)

Viscosity, kinematic	13.08 mm <sup>2</sup> /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 %
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## SECTION 12: Ecological information

### 12.1. Toxicity

General	: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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.

### Polysulphides, di-tert-Bu (68937-96-2)

EC50 Daphnia 1	63 mg/l @2d
EC50 72h - Algae [2]	> 100 mg/l
EC50 96h - Algae [1]	> 10000 mg/l Slit @0.1DY

### Phosphoric acid ester amine salt

LC50 fish 1	24 mg/l @4d Oncorhynchus mykiss
LC50 fish 2	8.5 mg/l Pimephales promelas @4d
EC50 Daphnia 1	91.4 mg/l Daphnia magna
EC50 72h - Algae [1]	6.4 mg/l Selenastrum capricornutum

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Phosphoric acid ester amine salt	
NOEC chronic fish	3.2 mg/l Oncorhynchus mykiss @4d
NOEC chronic crustacea	0.12 mg/l Daphnia magna @2d
NOEC chronic algae	1.7 mg/l Selenastrum capricornutum @4d

(Z)-N-9-octadecenyl-1,3-diaminopropane (7173-62-8)	
LC50 fish 1	0.1 mg/l (Brachydanio rerio)
EC50 Daphnia 1	0.01 mg/l (Daphnia magna)
EC50 72h - Algae [1]	0.01 mg/l
NOEC chronic crustacea	0.001 mg/l @21DY (Daphnia maga)

### 12.2. Persistence and degradability

MPM Gear Oil 85W-140 GL-5 Mineral LS	
Persistence and degradability	Not soluble in water, so only minimally biodegradable.

Polysulphides, di-tert-Bu (68937-96-2)	
Persistence and degradability	May cause long-term adverse effects in the environment.
Biodegradation	13 % @OECD TG @28d

Phosphoric acid ester amine salt	
Persistence and degradability	May cause long-term adverse effects in the environment.
BOD (% of ThOD)	3.6 % ThOD @28d inherent sediment
Biodegradation	7.4 % Sturm (28d) OECD TG 301B

(Z)-N-9-octadecenyl-1,3-diaminopropane (7173-62-8)	
Persistence and degradability	May cause long-term adverse effects in the environment.

C16-18-(even numbered, saturated and unsaturated)- alkylamines (1213789-63-9)	
Persistence and degradability	Rapidly degradable

### 12.3. Bioaccumulative potential

Polysulphides, di-tert-Bu (68937-96-2)	
Log Kow	6
Bioaccumulative potential	Not established.

Phosphoric acid ester amine salt	
Bioaccumulative potential	Not established.

(Z)-N-9-octadecenyl-1,3-diaminopropane (7173-62-8)	
Bioaccumulative potential	Not established.

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

Component	
Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	(Z)-N-9-octadecenyl-1,3-diaminopropane (7173-62-8)( <sup>1</sup> ), C16-18-(even numbered, saturated and unsaturated)- alkylamines (1213789-63-9)( <sup>1</sup> )



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### Component

Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	(Z)-N-9-octadecenyl-1,3-diaminopropane (7173-62-8)( <sup>1</sup> ), C16-18-(even numbered, saturated and unsaturated)- alkylamines (1213789-63-9)( <sup>1</sup> )
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(<sup>1</sup>) 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

Additional information : Insoluble in water.

## 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 applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>	
Not applicable	Not applicable
<b>14.4. Packing group</b>	
Not applicable	Not applicable
<b>14.5. Environmental hazards</b>	
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No
No supplementary information available	

### 14.6. Special precautions for user

#### Overland transport

No data available

#### Transport by sea

No data available

### 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

##### 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)

##### National regulations

###### Norway

Declaration number : 672699  
Norwegian National Regulations : Norwegian Environment Agency.

#### 15.2. Chemical safety assessment

No additional information available

### SECTION 16: Other information

Indication of changes		
Section	Changed item	Comments
	Supersedes	Modified
	Revision date	Modified
	Comments (on top of composition)	Added
	Type of product	Added
	SDS EU format	Removed
1.1	Product group	Added
1.1	Product form	Added
1.2	Industrial/Professional use spec	Added
1.2	Main use category	Modified

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Indication of changes		
Section	Changed item	Comments
2.2	EUH-statements	Removed
2.2	Precautionary statements (CLP)	Modified
3	Composition/information on ingredients	Modified
4.1	General	Removed
4.1	After skin contact	Modified
4.1	After inhalation	Modified
4.1	After ingestion	Modified
4.2	After skin contact	Added
4.2	After inhalation	Added
4.2	After ingestion	Added
4.2	After eye contact	Added
4.2	Symptoms/effects	Removed
4.3	Treatment	Removed
5.1	Unsuitable extinguishing media	Added
5.3	Precautionary measures fire	Added
5.3	Other information	Removed
6.1	Emergency procedures	Added
6.1	Protective equipment	Modified
6.1	Protective equipment	Modified
6.1	General measures	Modified
6.2	Environmental precautions	Modified
6.3	For containment	Added
6.3	Methods for cleaning up	Added
6.3	Other information	Added
7.1	Additional hazards when processed	Added
7.1	Precautions for safe handling	Modified
7.1	Hygiene measures	Modified
7.2	Technical measures	Added
7.2	Storage conditions	Added
7.2	Storage temperature	Modified
7.2	Storage area	Modified
8.2	Hand protection	Modified
8.2	Technical measures	Modified
8.2	Skin and body protection	Modified
9	Appearance	Modified
9	Solubility	Added
9	Viscosity, kinematic	Modified
9	Flash point	Modified

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Indication of changes		
Section	Changed item	Comments
10.2	Chemical stability	<b>Modified</b>
10.3	Possibility of hazardous reactions	<b>Added</b>
10.4	Conditions to avoid	<b>Modified</b>
10.5	Incompatible materials	<b>Modified</b>
10.6	Hazardous decomposition products	<b>Modified</b>
13.1	Additional information	<b>Added</b>
13.1	European List of Waste (LoW, EC 2000/532)	<b>Added</b>
13.1	Waste materials	<b>Removed</b>
13.1	Regional legislation (waste)	<b>Removed</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
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
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H372	Causes damage to organs through prolonged or repeated exposure.
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.
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B
STOT RE 1	Specific target organ toxicity – Repeated exposure, Category 1
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation

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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.