

PRODUCT DATA SHEET

GEAR OIL 75W-90

Description:

High quality paraffinic base oils based EP (extreme pressure), rust and corrosion prevention with the latest technology are produced by adding a special additive package.

Performance Features and Benefits:

- Prevents metal to metal contact,
- Very good thermal resistance,
- Minimum viscosity change, optimum film capability,
- Bronze alloys corrosion protection,
- Long service life,
- Economy in the cost of lubrication,
- Additive which prevents wear and extreme pressure (EP) additive, includes a gear system maintains very good fittings

Application:

Cars, trucks, buses, light commercial vehicles, agricultural vehicles and machines as well as many tool in the gearbox and differential, spiral bevel, hypoid gear system used in the four seasons.

Performance specifications:

API: GL-5 meet the performance specifications.

Typical Characteristics:

TEST	METHOD	TYPICAL PROPERTIES
Density, g/cm ³ , at 15°C	ASTM D4052	0,875
Kinematic Viscosity, at 40 °C	ASTM D 455	103
Kinematic Viscosity, cSt, at 100°C	ASTM D445	15,2
Viscosity Index	ASTM D2270	166
Flash Point, °C, min	ASTM D92	202
Pour Point, °C, max	ASTM D97	-32

** The values specified in the table are typical values and may vary based on production.*

GEAR OIL GL 5 SAE 75W90 Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Issue date: 21/12/2023 Revision date: 19/11/2024 Supersedes version of: 06/01/2024 Version: 13.0

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

1.1. Product identifier

Product form : Mixture
Product name : GEAR OIL GL 5 SAE 75W90
Product code : 2305
Type of product : CMO
Product group : Blend

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

1.2.1. Relevant identified uses

Main use category : Industrial use, Professional use, Consumer use
Industrial/Professional use spec : Non-dispersive use
Used in closed systems
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

FACO PETROL KİMYA SANAYİ DİŞ TİCARET LTD. ŞTİ.

Center Office: Siteler Mh. 492 Sk. No: 1/A My Vista Smart Aliğa/İZMİR/TÜRKİYE

info@cosmomotoroil.com / www.cosmomotoroil.com

Phone: +90 552 222 6766

1.4. Emergency telephone number

Emergency number : +90 552 222 6766

Country/Area	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9	+353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	
Israel	Israel Poison Information Center Rambam Health Care Campus	6 Ha'Aliya Street 31096	+972 4 854 1900	
Malta	Medicines & Poisons Info Office	Mater Dei Hospital Msida MSD 2090	+356 2545 6508	
Sweden	Giftinformationscentralen	Box 60 500 171 76 Stockholm	112 – begär Giftinformation +46 10 456 6700 (Från utlandet)	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

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 Phosphoric acid ester amine salt, Methyl methacrylate. May produce an allergic reaction.
EUH210 - Safety data sheet available on request.

2.3. Other hazards

Contains no PBT/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 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 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 : The mineral oils in the product contain < 3% DMSO extract (IP 346)

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	1 – 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	1 – 1.99	Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411
Magnesium metaborate	CAS-No.: 13703-82-7 EC-No.: 237-235-5 REACH-no: 01-2120769073-53	0.1 – 0.99	Skin Sens. 1B, H317
Methyl methacrylate	CAS-No.: 80-62-6 EC-No.: 201-297-1 EC Index-No.: 607-035-00-6	0.1 – 0.24	Flam. Liq. 2, H225 STOT SE 3, H335 Skin Irrit. 2, H315 Skin Sens. 1, H317

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

Specific concentration limits:

Name	Product identifier	Specific concentration limits (%)
Phosphoric acid ester amine salt	EC-No.: 931-384-6 REACH-no: 01-2119493620-38	(9.39 ≤ C < 100) Skin Sens. 1, H317 (50.01 ≤ C < 100) Eye Irrit. 2, H319
Magnesium metaborate	CAS-No.: 13703-82-7 EC-No.: 237-235-5 REACH-no: 01-2120769073-53	(15 ≤ 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

First-aid measures after inhalation	: Not expected to require first aid measures.
First-aid measures after skin contact	: Wash skin with mild soap and water.
First-aid measures after eye contact	: In case of eye contact, immediately rinse with clean water for 10-15 minutes.
First-aid measures after ingestion	: Do not induce vomiting. Rinse mouth. Get immediate medical advice/attention.

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

Symptoms/effects after inhalation	: Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
Symptoms/effects after skin contact	: May cause sensitization by skin contact.
Symptoms/effects after eye contact	: Not expected to present a significant eye contact hazard under anticipated conditions of normal use.
Symptoms/effects 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 fog. Foam. Powder. Dry chemical product.
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

6.1.1. For non-emergency personnel

Protective equipment	: Wear suitable protective clothing and gloves.
----------------------	---

6.1.2. For emergency responders

Protective equipment	: Wear suitable protective clothing and gloves.
----------------------	---

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	: Impound and recover large spill by mixing it with inert granular solids.
Methods for cleaning up	: Detergent. Take up liquid spill into absorbent material sand, saw dust, kieselguhr.
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

Precautions for safe handling	: Avoid all unnecessary exposure. Both local exhaust and general room ventilation are usually required.
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

Storage temperature	: ≤ 40 °C
Storage area	: Store in dry, cool, well-ventilated area.

Germany

Storage class (LGK, TRGS 510)	: LGK 10-13 - Other combustible and non-combustible substances
-------------------------------	--

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

GEAR OIL GL 5 SAE 75W90 UNIVERSAL

Belgium - Occupational Exposure Limits

Local name	Huiles minérales (brouillards) # Olie (minerale-; nevel)
OEL TWA	5 mg/m³
OEL STEL	10 mg/m³
Regulatory reference	Koninklijk besluit/Arrêté royal 02/09/2018

Methyl methacrylate (80-62-6)

EU - Indicative Occupational Exposure Limit (IOEL)

Local name	Methyl methacrylate
IOEL TWA	50 ppm @8h
IOEL STEL	100 ppm @15min
Regulatory reference	COMMISSION DIRECTIVE 2009/161/EU

Methyl methacrylate (80-62-6)

Austria - Occupational Exposure Limits

MAK (OEL TWA)	208 mg/m ³ @8h
	50 ppm @8h
MAK (OEL STEL)	416 mg/m ³ @15min
	100 ppm @15min

Belgium - Occupational Exposure Limits

Local name	Méthacrylate de méthyle # Methylmethacrylaat
OEL TWA	208 mg/m ³ @8h
	50 ppm @8h
OEL STEL	416 mg/m ³ @15min
	100 ppm @15min
Regulatory reference	Koninklijk besluit/Arrêté royal 11/05/2021

Bulgaria - Occupational Exposure Limits

OEL TWA	50 ppm @8h
OEL STEL	100 ppm @15min

Croatia - Occupational Exposure Limits

GVI (OEL TWA)	50 ppm @8h
KGVI (OEL STEL)	100 ppm @15min

Czech Republic - Occupational Exposure Limits

PEL (OEL TWA)	50 mg/m ³ @8h
	12 ppm @8h
NPK-P (OEL C)	150 mg/m ³ @15min
	36 ppm @15min

Denmark - Occupational Exposure Limits

OEL TWA	102 mg/m ³ @8h
	25 ppm @8h

Estonia - Occupational Exposure Limits

OEL TWA	50 ppm @8h
OEL STEL	100 ppm @15min

Finland - Occupational Exposure Limits

HTP (OEL TWA)	42 mg/m ³ @8h
	10 ppm @8h
HTP (OEL STEL)	210 mg/m ³ @15min
	50 ppm @15min

France - Occupational Exposure Limits

VME (OEL TWA)	205 mg/m ³ @8h
	50 ppm @8h
VLE (OEL C/STEL)	410 mg/m ³ @15min

Methyl methacrylate (80-62-6)

100 ppm @15min

Germany - Occupational Exposure Limits (TRGS 900)

AGW (OEL TWA)

210 mg/m³ @8h

50 ppm @8h

Greece - Occupational Exposure Limits

OEL TWA

50 ppm @8h

OEL STEL

100 ppm @15min

Hungary - Occupational Exposure Limits

AK (OEL TWA)

208 mg/m³ @8h

Ireland - Occupational Exposure Limits

OEL TWA

50 ppm @8h

OEL STEL

100 ppm @15min

Italy - Occupational Exposure Limits

OEL TWA

50 ppm @8h

OEL STEL

100 ppm @15min

Latvia - Occupational Exposure Limits

OEL TWA

10 mg/m³ @8h

Lithuania - Occupational Exposure Limits

IPRV (OEL TWA)

208 mg/m³ @8h

50 ppm @8h

TPRV (OEL STEL)

416 mg/m³ @15min

100 ppm @15min

Netherlands - Occupational Exposure Limits

TGG-8u (OEL TWA)

205 mg/m³

TGG-15min (OEL STEL)

410 mg/m³

Poland - Occupational Exposure Limits

NDS (OEL TWA)

100 mg/m³ @8h

NDSP (OEL C)

300 mg/m³ @15min

Portugal - Occupational Exposure Limits

OEL TWA

50 ppm @8h

OEL STEL

100 ppm @15min

Romania - Occupational Exposure Limits

OEL TWA

205 mg/m³ @8h

50 ppm @8h

OEL STEL

410 mg/m³ @15min

100 ppm @15min

Slovakia - Occupational Exposure Limits

NPHV (OEL TWA)

50 ppm @8h

Methyl methacrylate (80-62-6)

NPHV (OEL STEL)	100 ppm @15min
-----------------	----------------

Slovenia - Occupational Exposure Limits

OEL TWA	210 mg/m ³ @8h
	50 ppm @8h
OEL STEL	420 mg/m ³ @15min
	100 ppm @15min

Spain - Occupational Exposure Limits

VLA-ED (OEL TWA)	50 ppm @8h
VLA-EC (OEL STEL)	100 ppm @15min

Sweden - Occupational Exposure Limits

NGV (OEL TWA)	210 mg/m ³ @8h
	50 ppm @8h
KTV (OEL STEL)	420 mg/m ³ @15min
	100 ppm @15min

Iceland - Occupational Exposure Limits

OEL TWA	50 ppm @8h
OEL STEL	100 ppm @15min

Norway - Occupational Exposure Limits

Grenseverdi (OEL TWA)	100 mg/m ³ @8h
	25 ppm @8h
Korttidsverdi (OEL STEL)	400 mg/m ³ @15min
	100 ppm @15min

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

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No additional information available

8.2.2. Personal protection equipment

Personal protective equipment:

Safety glasses. Gloves.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

No additional information available

8.2.2.2. Skin protection

Skin and body protection:

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

Hand protection:

Permeation time: minimum >480min long term exposure; material / thickness [mm]: >0,35 mm. Nitrile rubber (NBR) /

8.2.2.3. Respiratory protection

Respiratory protection:

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

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	: brown.
Appearance	: Oily liquid.
Odour	: Characteristic.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Not available
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: > 150 °C (ASTM D92)
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: Not available
Viscosity, kinematic	: 76 mm ² /s @ 40°C (ASTM D445)
Solubility	: Slightly soluble, the product remains on the water surface.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: 868 kg/m ³ @15°C (ASTM D4052)
Relative density	: Not available
Relative vapour density at 20°C	: Not available
Particle characteristics	: 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

None under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal conditions.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

Strong oxidizers. acids. 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

Methyl methacrylate (80-62-6)

LD50 oral rat	7900 mg/kg
LD50 dermal rabbit	> 5000 mg/kg (OECD 402)
LC50 Inhalation - Rat (Vapours)	29.8 mg/l/4h

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

Methyl methacrylate (80-62-6)

Skin sensitization, - Skin contact, mouse	Skin sensitization (OECD 429)
---	-------------------------------

Germ cell mutagenicity : Not classified

Methyl methacrylate (80-62-6)

In vitro Mammalian Cell Gene Mutation Test, In vitro, mammalian	Positive (OECD 476, WOE does not support classification)
In vitro Mammalian Chromosomal Aberration Test, In vitro, mammalian	Equivocal (OECD 473, WOE does not support classification)
Rodent Dominant Lethal Test, In vivo, mammalian	Negative (OECD 478)
Bacterial Reverse Mutation Test, In vitro, Bacteria	Negative (OECD 471)

Carcinogenicity : Not classified

Methyl methacrylate (80-62-6)

Combined Chronic Toxicity/Carcinogenicity Studies, NOAEL, inhalation, rat	Negative (104w; 5d/w, OECD 453)
---	---------------------------------

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

Methyl methacrylate (80-62-6)

STOT-single exposure : May cause respiratory irritation.

STOT-repeated exposure : Not classified

Phosphoric acid ester amine salt

NOAEL (oral, rat, 90 days) : 150 mg/kg bodyweight/day @28d (OECD 407)

Aspiration hazard : Not classified

GEAR OIL GL 5 SAE 75W90 UNIVERSAL

Viscosity, kinematic : 76 mm²/s @ 40°C (ASTM D445)

Hydrocarbon : Yes

11.2. Information on other hazards

No additional information available

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

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

EC50 - Crustacea [1] : 63 mg/l @2d (Daphnia magna)

EC50 - Other aquatic organisms [1] : > 10000 mg/l @0,1d (Sludge)

EC50 72h - Algae [2] : > 100 mg/l @3d

Phosphoric acid ester amine salt

LC50 - Fish [1] : 24 mg/l Oncorhynchus mykiss

LC50 - Fish [2] : 8.5 mg/l Pimephales promelas

EC50 - Crustacea [1] : 91.4 mg/l 2d (Daphnia magna)

EC50 - Crustacea [2] : 0.66 mg/l 21d (Daphnia magna)

EC50 96h - Algae [1] : 6.4 mg/l @4d (Selenastrum capricornutum)

NOEC (chronic) : 3.2 mg/l Oncorhynchus mykiss @4d

NOEC chronic crustacea : 0.12 mg/l @21d (Daphnia magna)

NOEC chronic algae : 1.7 mg/l @4d (Selenastrum capricornutum)

Methyl methacrylate (80-62-6)

LC50 - Fish [1] : > 79 mg/l @96h; Oncorhynchus mykiss

EC50 - Crustacea [1] : 69 mg/l @48h; Daphnia magna

EC50 72h - Algae [1] : > 110 mg/l @72h; Pseudokirchneriella subcapitata

NOEC chronic fish : 9.4 mg/l @35d; Danio rerio (OECD 210)

NOEC chronic crustacea : 37 mg/l @21d; Daphnia magna (OECD 211)

NOEC chronic algae : 110 mg/l @72h, Selenastrum capricornutum (OECD 201)

12.2. Persistence and degradability

GEAR OIL GL 5 SAE 75W90 UNIVERSAL

Persistence and degradability	Not soluble in water, so only minimally biodegradable.
-------------------------------	--

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

Persistence and degradability	Rapidly degradable
Biodegradation	13 % % @OECD TG @28d

Phosphoric acid ester amine salt

Persistence and degradability	Rapidly degradable
BOD (% of ThOD)	3.6 % ThOD @28d (inherent sediment)
Biodegradation	7.4 % @28d (OECD TG 301B)

Magnesium metaborate (13703-82-7)

Persistence and degradability	Not rapidly degradable
-------------------------------	------------------------

Methyl methacrylate (80-62-6)

Persistence and degradability	Rapidly degradable
Biodegradation	94 % @14d (OECD 301 C)

12.3. Bioaccumulative potential

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

Partition coefficient n-octanol/water (Log Kow)	6
---	---

Methyl methacrylate (80-62-6)

Partition coefficient n-octanol/water (Log Kow)	1.38
---	------

12.4. Mobility in soil

No additional information available

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 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 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 at a concentration equal to or greater than 0,1 %.

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Additional information : Dispose in a safe manner in accordance with local/national regulations.
European List of Waste (LoW) code : 13 02 05* - mineral-based non-chlorinated engine, gear and lubricating oils

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

14.1. UN number or ID number

Not regulated for transport

14.2. UN proper shipping name

Proper Shipping Name (ADR)	: Not applicable
Proper Shipping Name (IMDG)	: Not applicable
Proper Shipping Name (IATA)	: Not applicable
Proper Shipping Name (ADN)	: Not applicable
Proper Shipping Name (RID)	: Not applicable

14.3. Transport hazard class(es)

ADR

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

IMDG

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

IATA

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

ADN

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

RID

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

14.4. Packing group

Packing group (ADR)	: Not applicable
Packing group (IMDG)	: Not applicable
Packing group (IATA)	: Not applicable
Packing group (ADN)	: Not applicable
Packing group (RID)	: Not applicable

14.5. Environmental hazards

Other information : No supplementary information available

14.6. Special precautions for user

Overland transport

No data available

Transport by sea

No data available

Air transport

No data available

Inland waterway transport

No data available

Rail transport

No data available

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

15.1.1. 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)

Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

Explosives Precursors Regulation (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 (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)

15.1.2. National regulations

France

Occupational diseases	
Code	Description
RG 82	Conditions caused by methyl methacrylate

Germany

Water hazard class (WGK) : WGK 2, Significantly hazardous to water (Classification according to AwSV, Annex 1).
List of sensitizing substances (TRGS 907) : Contains sensitizing substances according TRGS 907.
Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

Netherlands

SZW-lijt van kankerverwekkende stoffen : Polysulphides, di-tert-Bu is listed
SZW-lijt van mutagene stoffen : Polysulphides, di-tert-Bu is listed
SZW-lijt van reprotoxische stoffen – Borstvoeding : None of the components are listed
SZW-lijt van reprotoxische stoffen – Vruchtbaarheid : None of the components are listed
SZW-lijt van reprotoxische stoffen – Ontwikkeling : None of the components are listed

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	Change	Comments
	Supersedes	Modified	
	Revision date	Modified	
3	Composition/information on ingredients	Modified	
9.1	Viscosity, kinematic	Modified	
9.1	Density	Modified	
9.1	Flash point	Modified	
12.6	Adverse effects on the environment caused by endocrine disrupting properties	Added	
13.1	European List of Waste (LoW) code	Added	

Abbreviations and acronyms:

	ACGIH: American Conference of Governmental Industrial Hygienists
	TWA: Time Weighted Average
	TLV: Threshold Limit Value
	ASTM: American Society for Testing and Materials
	ADR: Accord Européen Relatif au Transport International des Marchandises Dangereuses par Route
	RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail
	ADNR: Accord Européen relatif au Transport International des Marchandises Dangereuses par voie de Navigation du Rhin
	IMDG: International Maritime Dangerous Goods
	ICAO: International Civil Aviation Organization
	IATA: International Air Transport Association
	STEL: Short Term Exposure Limit
	LD50: median Lethal Dose for 50% of subjects
	ATE: acute toxicity estimate
	LC50: median Lethal Concentration for 50% of subjects
	EC50: concentration producing 50% effect

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:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2

Full text of H- and EUH-statements:

Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
EUH208	Contains Phosphoric acid ester amine salt, Methyl methacrylate. May produce an allergic reaction.
EUH210	Safety data sheet available on request.
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation

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.