WOLF OFFICIALTECH 75W-85 FE LS GL 5

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Issue date: 23/04/2024 Revision date: 06/08/2026 Supersedes version of: 13/04/2026 Version: 3.0

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

1.1. Product identifier

Product form	:	Mixture
Product name	:	WOLF OFFICIALTECH 75W-85 FE LS GL 5
Product code	:	2318
Type of product	:	WOLF
Product group	:	Blend

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

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

1.3. Details of the supplier of the safety data sheet

WOLF OIL CORPORATION N.V.
Georges Gilliotstraat, 52
2620 Hemiksem, Antwerpen
België
T 0032 (0)3 870 00 00
msds@wolfoil.com, https://www.wolflubes.com/

1.4. Emergency telephone number

Emergency number	:	0032 (0)3 870 00 00

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Persistent, bioaccumulative and toxic EUH440
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]

Signal word (CLP)	:	Danger
Contains	:	O,O,O-Triphenyl phosphorothioate
Hazard statements (CLP)	:	EUH440 - Accumulates in the environment and living organisms including in humans.
Precautionary statements (CLP)	:	P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P273 - Avoid release to the environment. P391 - Collect spillage. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
EUH-statements	:	EUH208 - Contains Phosphoric acid ester amine salt, Methyl methacrylate. May produce an allergic reaction.

2.3. Other hazards

Contains PBT substances ≥ 0.1% assessed in accordance with REACH Annex XIII

Component	
Substance(s) meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	O,O,O-Triphenyl phosphorothioate (597-82-0)
Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	Phosphoric acid ester amine salt
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	Phosphoric acid ester amine salt, O,O,O-Triphenyl phosphorothioate (597-82-0)

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	O,O,O-Triphenyl phosphorothioate (597-82-0)

SECTION 3: Composition/information on ingredients

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
Reaction Products of alcohols, C14-18, C18 unsat., esterified with phosphorus pentoxide and salted with amines, C12-14,-tert-alkyl	CAS-No.: 1471315-74-8 EC-No.: 939-591-3 REACH-no: 01-2119978530-33	1 – 1.9	Aquatic Chronic 3, H412
Phosphoric acid ester amine salt	EC-No.: 931-384-6 REACH-no: 01-2119493620-38	1 – 1.9	Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411
O,O,O-Triphenyl phosphorothioate substance listed on REACH Candidate List	CAS-No.: 597-82-0 EC-No.: 209-909-9 REACH-no: 01-2119979545-21	0.1 – 0.5	PBT, EUH440 Aquatic Chronic 1, H410 (M=10)
Methyl methacrylate	CAS-No.: 80-62-6 EC-No.: 201-297-1 EC Index-No.: 607-035-00-6	0.1 – 0.19	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 ≤ C < 100) Skin Sens. 1B; H317
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

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 : Remove person to fresh air and keep comfortable for breathing.

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

For non-emergency personnel

Protective equipment : Wear suitable protective clothing and gloves.

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

Switzerland

Storage class (LK) : LK 10/12 - Liquids

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

National occupational exposure and biological limit values

WOLF OFFICIALTECH 75W-85 FE LS GL 5	
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

Methyl methacrylate (80-62-6)	
IOEL STEL	100 ppm @15min
Regulatory reference	COMMISSION DIRECTIVE 2009/161/EU
Austria - Occupational Exposure Limits	
MAK (OEL TWA)	208 mg/m³ @8h
	50 ppm @8h
MAK (OEL STEL)	416 mg/m³ @15min
	100 ppm @15min
Belgium - Occupational Exposure Limits	
Local name	Méthacrylate de méthyle # Methylmethacrylaat
OEL TWA	208 mg/m³ @8h
	50 ppm @8h
OEL STEL	416 mg/m³ @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/m³ @8h
	12 ppm @8h
NPK-P (OEL C)	150 mg/m³ @15min
	36 ppm @15min
Denmark - Occupational Exposure Limits	
8-timers grænseværdi (OEL TWA)	102 mg/m³ @8h
	25 ppm @8h
Korttidsgrænseværdi (OEL STEL)*	204 mg/m³ @8h
	50 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/m³ @8h
	10 ppm @8h
HTP (OEL STEL)	210 mg/m³ @15min
	50 ppm @15min

Methyl methacrylate (80-62-6)	
France - Occupational Exposure Limits	
VLEP 8h (OEL TWA)	205 mg/m³ @8h
	50 ppm @8h
VLEP CT (OEL STEL)	410 mg/m³ @15min
	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

Methyl methacrylate (80-62-6)	
OEL STEL	410 mg/m³ @15min
	100 ppm @15min
Slovakia - Occupational Exposure Limits	
NPHV (OEL TWA)	50 ppm @8h
NPHV (OEL STEL)	100 ppm @15min
Slovenia - Occupational Exposure Limits	
OEL TWA	210 mg/m³ @8h
	50 ppm @8h
OEL STEL	420 mg/m³ @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/m³ @8h
	50 ppm @8h
KGV (OEL STEL)	420 mg/m³ @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/m³ @8h
	25 ppm @8h
Korttidsverdi (OEL STEL)	400 mg/m³ @15min
	100 ppm @15min

*STEL value is calculated based on the TWA limit

8.2. Exposure controls

Personal protection equipment

Personal protective equipment:
Safety glasses. Gloves.

Personal protective equipment symbol(s):



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) /

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	:	Yellow.
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	:	> 190 °C (ASTM D92)
Auto-ignition temperature	:	Not available
Decomposition temperature	:	Not available
pH	:	Not available
Viscosity, kinematic	:	53 mm²/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	:	0.863 g/ml @15°C (ASTM D4052)
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.

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

WOLF OFFICIALTECH 75W-85 FE LS GL 5	
Viscosity, kinematic	53 mm²/s @ 40°C (ASTM D445)
Hydrocarbon	Yes

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

Ecology - general : The additive(s) supplier(s) have conducted chronic toxicity studies. This testing has shown that mixtures containing the additive(s) do not pose chronic aquatic hazards within the tested use levels. As this product remains within those validated conditions, it is not classified as hazardous to the aquatic environment according to CLP criteria where data derived from testing of mixtures take precedence over data for individual substances.

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

Reaction Products of alcohols, C14-18, C18 unsat., esterified with phosphorus pentoxide and salted with amines, C12-14,-tert-alkyl (1471315-74-8)	
LC50 - Fish [1]	> 1000 @4h; Oncorhynchus mykiss
LC50 - Other aquatic organisms [1]	320 mg/l @0,1h; Sludge
EC50 - Crustacea [1]	91 mg/l @48h; Daphnia magna
EC50 72h - Algae [1]	> 10 mg/l @3h; Selenastrum capricomutum

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)

O,O,O-Triphenyl phosphorothioate (597-82-0)	
LC50 - Fish [1]	> 100 mg/l @96h; Brachydanio rerio
EC50 - Crustacea [1]	> 100 mg/l @48h; Daphnia magna
EC50 72h - Algae [1]	> 100 mg/l Scenedesmus quadricauda
NOEC (acute)	> 5.5 @ 21DY (Daphnia magna)
NOEC chronic fish	0.0017 mg/l @97d; Oncorhynchus mykiss
NOEC chronic crustacea	> 5.5 mg/l @21d; Daphnia magna

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

Methyl methacrylate (80-62-6)	
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

WOLF OFFICIALTECH 75W-85 FE LS GL 5	
Persistence and degradability	Not soluble in water, so only minimally biodegradable.

Polysulphides, di-tert-Bu (68937-96-2)	
Persistence and degradability	Not rapidly degradable
Biodegradation	13 % % @OECD TG @28d

Reaction Products of alcohols, C14-18, C18 unsat., esterified with phosphorus pentoxide and salted with amines, C12-14,-tert-alkyl (1471315-74-8)	
Persistence and degradability	Not rapidly degradable
Biodegradation	0.000001 % @28d (OECD TG 301 B)

Phosphoric acid ester amine salt	
Persistence and degradability	Not rapidly degradable
BOD (% of ThOD)	3.6 % ThOD @28d (inherent sediment)
Biodegradation	7.4 % @28d (OECD TG 301B)

O,O,O-Triphenyl phosphorothioate (597-82-0)	
Persistence and degradability	Not rapidly degradable
Biodegradation	17.8 – 19.3 % @28d (OECD 301B); 59,9 - 66,8 % @28d (OECD 302C)

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

Reaction Products of alcohols, C14-18, C18 unsat., esterified with phosphorus pentoxide and salted with amines, C12-14,-tert-alkyl (1471315-74-8)	
Partition coefficient n-octanol/water (Log Kow)	8 (Calculated value)

O,O,O-Triphenyl phosphorothioate (597-82-0)	
BCF - Fish [1]	2.551

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

Component	
Substance(s) meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	O,O,O-Triphenyl phosphorothioate (597-82-0)
Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	Phosphoric acid ester amine salt
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	Phosphoric acid ester amine salt, O,O,O-Triphenyl phosphorothioate (597-82-0)

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 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 %.

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, EC 2000/532) : 13 02 05* - mineral-based non-chlorinated engine, gear and lubricating oils

Norway

Waste code (Norsas AS) : [2] 7011 - Waste oil, refundable

SECTION 14: Transport information

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

14.1. UN number or ID number

UN-No. (ADR) : Not applicable

UN-No. (IMDG) : Not applicable

UN-No. (IATA) : Not applicable

UN-No. (ADN) : Not applicable

UN-No. (RID) : Not applicable

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

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

Inland waterway transport

Not applicable

Rail transport

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

EU-Regulations

REACH Annex XVII (Restriction List)

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

REACH Annex XIV (Authorisation List)

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

REACH Candidate List (SVHC)

Contains substance(s) listed on the REACH Candidate List in concentrations ≥ 0.1 % or SCL: O,O,O-triphenyl phosphorothioate (EC 209-909-9, CAS 597-82-0)

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 (2024/590)

Not listed on the Ozone Depletion list (Regulation EU 2024/590)
Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer, Annex I-IV)

Regulation (EU) 2021/821 for the control of dual-use items

Contains no substance subject to the Regulation (EU) 2021/821 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

Denmark

Danish National Regulations : Pregnant/breastfeeding women working with the product must not be in direct contact with it.
If an employee is pregnant or breastfeeding and the person in question uses or is exposed to this product at work, the employer must always carry out a risk assessment of the work. The assessment must both deal with the dangerousness of the impact and its strength and duration. The employer's decision that a pregnant or lactating woman can perform a specific work task must therefore be made in the context of her specific working conditions. See also WEA-Guideline A.1.8-7 on the working environment of pregnant and breastfeeding workers.
Listed or contains substance(s) on the Denmark - Indicative list of organic solvents present in Annex 3.4.1 of the WEA Guidance C.0.1-1: Methyl Methacrylate (1996) (80-62-6)

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.

Netherlands

SZW List of Carcinogenic Substances : Polysulphides, di-tert-Bu is listed
SZW List of Mutagenic Substances : Polysulphides, di-tert-Bu is listed
SZW List of Reprotoxic Substances – Breastfeeding : None of the components are listed
SZW List of Reprotoxic Substances – Fertility : None of the components are listed
SZW List of Reprotoxic Substances – Development : None of the components are listed

Norway

Declaration number : 680488
Norwegian National Regulations : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
Regulations on the Recovery and Treatment of Waste (FOR-2004-06-01-930) – relevant for the disposal
of used oil, greases and coolants classified as hazardous waste.

Poland

Polish National Regulations : Act of 25 February 2011 on chemical substances and their mixtures (J. o L. No. 63, item 322 as amended).
Act of 14 December 2012 on Waste (J. o L. 2013, item 322 as amended).
The announcement of Marshal of the Sejm of the Republic of Poland dated 19 October 2016 concerning the consolidated text announcement of the decree on the management of packaging and packaging waste (J. o L. 2016, item 1863 as amended).
Decree of the Minister of Environment of 14 December 2014 on the catalogue of waste (J. o L. 2014, item 1923).
Act of 19 August 2011 on the Carriage of Dangerous Goods (J. o L. 2011 No. 227, item 1367 as amended; consolidated text J. o L. 2019, item 382).
Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on the highest permissible concentration and intensity of noxious agents for health at work environment (J. o L. of 3 July 2018, item 1286 as amended).
The announcement of Minister of Health dated 9 September 2016 concerning the consolidated text announcement of the decree of the Minister of Health of 30 December 2004 on health and safety at work related to exposure to chemical agents at work (J. o L. of 16 September 2016, item 1488)
Regulation of the Minister of Health of 2 February 2011 on tests and measurements of the noxious agents for health at work environment (J. o L. No. 33, item 166).
Regulation of the Minister of Environment of 9 December 2003 on particularly hazardous substances to the environment (J. o L. No. 217, item 2141).
ADR Agreement: Government Statement of 13 March 2023 on the entry into force of amendments to Annexes A and B to the Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), signed in Geneva on 30 September 1957 (J. o. L. 2023, item 891)
Regulation of the Minister of Health of 25 August 2015 on the method of marking places, pipelines, and containers and tanks used for storing or containing hazardous substances or hazardous mixtures (J.o.L. 2015, item 1368 as amended)

15.2. Chemical safety assessment

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

SECTION 16: Other information

Indication of changes

Section	Changed item	Comments
	Supersedes	**Modified**
	Revision date	**Modified**
2.1	Classification according to Regulation (EC) No. 1272/2008 [CLP]	**Modified**
2.2	Precautionary statements (CLP)	**Added**
2.2	Signal word (CLP)	**Added**
2.2	Hazard statements (CLP)	**Added**
2.2	EUH-statements	**Modified**
3	Composition/information on ingredients	**Modified**

Abbreviations and acronyms:

	ACGIH: American Conference of Governmental Industrial Hygienists
	TWA: Time Weighted Average
	TLV: Threshold Limit Value

Abbreviations and acronyms:	
	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 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
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
PBT	Persistent, bioaccumulative and toxic
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
EUH440	Accumulates in the environment and living organisms including in humans.
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.

Full text of H- and EUH-statements:	
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.
EUH208	Contains Phosphoric acid ester amine salt, Methyl methacrylate. May produce an allergic reaction.

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.