

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 25/01/2022 Revision date: 03/10/2022 Supersedes version of: 25/01/2022 Version: 1.1

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

1.1. Product identifier

Product form	: Mixture
Product name	: 76275 - Engine Oil Super SHPD 10W-30
Product code	: 76275
Product group	: Lubricant

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, Industrial use, Consumer use

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Transnational Blenders B.V. B.V. Wieldrechtseweg, 37 NL– 3316 BG Dordrecht – Netherlands Zuid Holland Netherlands T +31 (0)78 6527652 <u>technical@tnb.nl</u> - <u>www.tnb.nl</u>

1.4. Emergency telephone number

Emergency number

: +31 (0)78 6527652 Monday to Friday: 09:00 - 16:00 (CET)

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

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

2.2. Label elements

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

EUH-statements

: EUH210 - Safety data sheet available on request.

2.3. Other hazards

Contains no PBT/vPvB substances ≥ 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

Safety Data Sheet

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

3.2.	Mixtures	

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Distillates (petroleum), hydrotreated heavy paraffinic substance with national workplace exposure limit(s) (AT, BE, BG, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IT, LT, LV, NL, PL, PT, RO, SE, SI, SK, IS, NO, CH, TR); substance with a Community workplace exposure limit	CAS-No.: 64742-54-7 EC-No.: 265-157-1 EC Index-No.: 649-467-00-8 REACH-no: 01-2119484627- 24, 01-2119484627-25	≥ 75 – < 90	Not classified
Distillates (petroleum), solvent-refined heavy paraffinic substance with national workplace exposure limit(s) (BE, BG, CZ, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, LT, LV, NL, PL, PT, RO, SE, SI, SK, IS, NO, CH); substance with a Community workplace exposure limit	EC-No.: 265-090-8 EC Index-No.: 649-454-00-7 REACH-no: 01-2119488706-	≥ 0.5 – < 3	Not classified
Distillates (petroleum), solvent-dewaxed heavy paraffinic substance with national workplace exposure limit(s) (AT, BE, BG, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IT, LT, LV, NL, PL, PT, RO, SE, SI, SK, IS, NO, CH, TR); substance with a Community workplace exposure limit	CAS-No.: 64742-65-0 EC-No.: 265-169-7 EC Index-No.: 649-474-00-6 REACH-no: 01-2119471299- 27	≥ 0.5 - < 3	Asp. Tox. 1, H304
Alkyl esters of alkyl phenate alkanoic acid	-	≥ 0.5 – < 3	Aquatic Chronic 4, H413
Phenol, paraalkylation products with C10-15 branched olefins (C12 rich) derived from propene oligomerization, carbonates, calcium salts, overbased, sulfurized including distillates (petroleum), hydrotreated, solvent-refined, solvent-dewaxed, or catalytic dewaxed, light or heavy paraffinic C15-C50	EC-No.: 701-251-5 REACH-no: 01-2119524004- 56	≥ 0.5 – < 3	Aquatic Chronic 4, H413
Distillates (petroleum), hydrotreated light paraffinic substance with national workplace exposure limit(s) (AT, BE, BG, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IT, LT, LV, NL, PL, PT, RO, SE, SI, SK, IS, NO, CH); substance with a Community workplace exposure limit Full text of H- and FUH-statements; see section 16	CAS-No.: 64742-55-8 EC-No.: 265-158-7 EC Index-No.: 649-468-00-3 REACH-no: 01-2119487077- 29	≥1-<3	Not classified

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 First-aid measures after skin contact First-aid measures after eye contact First-aid measures after ingestion

- : Remove person to fresh air and keep comfortable for breathing.
- : Wash skin with plenty of water.
- : Rinse eyes with water as a precaution.
 - : Call a poison center or a doctor if you feel unwell.

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

No additional information available

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Safety Data Sheet

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

SECTION 5: Firefighting measures		
5.1. Extinguishing media		
Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.	
5.2. Special hazards arising from the substance or mixture		
Hazardous decomposition products in case of fire	: Toxic fumes may be released.	
5.3. Advice for firefighters		
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.	

SECTION 6: Accidental release measures				
6.1. Personal precautions, protective equipm	nent and emergency procedures			
6.1.1. For non-emergency personnel				
Emergency procedures	: Ventilate spillage area.			
6.1.2. For emergency responders				
Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".			
6.2. Environmental precautions				
Avoid release to the environment.				
6.3. Methods and material for containment and cleaning up				
Methods for cleaning up Other information	Take up liquid spill into absorbent material.Dispose of materials or solid residues at an authorized site.			

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and stora	age
7.1. Precautions for safe handling	
Precautions for safe handling Hygiene measures	 Ensure good ventilation of the work station. Wear personal protective equipment. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2. Conditions for safe storage, in	cluding any incompatibilities
Storage conditions Storage temperature	 Store in a well-ventilated place. Keep cool. 0 - 40 °C
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

Safety Data Sheet

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

Distillates (petroleum), solvent-refined heavy paraffinic (64741-88-4)		
EU - Indicative Occupational Exposure Limit (IOEL)		
IOEL TWA	5 mg/m³	
IOEL STEL	10 mg/m ³	
United Kingdom - Occupational Exposure Limits		
WEL TWA (OEL TWA) [1]	5 mg/m³	
WEL STEL (OEL STEL)	10 mg/m³	
Distillates (petroleum), hydrotreated heavy pa	raffinic (64742-54-7)	
EU - Indicative Occupational Exposure Limit (IOEL)		
IOEL TWA	5 mg/m³	
United Kingdom - Occupational Exposure Limits		
WEL TWA (OEL TWA) [1]	5 mg/m³	
Distillates (petroleum), hydrotreated light para	affinic (64742-55-8)	
EU - Indicative Occupational Exposure Limit (IOEL)		
IOEL TWA	5 mg/m³	
United Kingdom - Occupational Exposure Limits		
WEL TWA (OEL TWA) [1]	5 mg/m³	
Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0)		
EU - Indicative Occupational Exposure Limit (IOEL)		
IOEL TWA	5 mg/m³	
IOEL STEL	10 mg/m ³	
United Kingdom - Occupational Exposure Limits		
WEL TWA (OEL TWA) [1] 5 mg/m ³		
WEL STEL (OEL STEL) 10 mg/m ³		

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

Appropriate engineering controls:

Ensure good ventilation of the work station.

Safety Data Sheet

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

8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Safety glasses

Eye protection			
Туре	Field of application	Characteristics	Standard
Safety glasses	Droplet	clear	EN 166

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Protective gloves

Hand protection					
Туре	Material	Permeation	Thickness (mm)	Penetration	Standard
Reusable gloves	Nitrile rubber (NBR)	6 (> 480 minutes)	≥0.35		EN ISO 374

8.2.2.3. Respiratory protection

Respiratory protection:

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

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties			
9.1. Information on basic physica	I and chemical properties		
Physical state Colour Odour Odour threshold Melting point Freezing point Boiling point Flammability Explosive limits Lower explosion limit Upper explosion limit Flash point Auto-ignition temperature Decomposition temperature pH Viscosity, kinematic	 Liquid Brown. characteristic. Not available Not applicable -36 °C ASTM D7346 Not available Not flammable. Not available Not available Not available Not available > 201 °C ASTM D92 Not available 		

Safety Data Sheet

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

Solubility	: insoluble in water.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: 859 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

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SECTION 10: 3	Stability and	i reactivity
	orability and	

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information			
11.1. Information on hazard classes as defined	d in Regulation (EC) No 1272/2008		
Acute toxicity (dermal)	Not classified Not classified Not classified		
Distillates (petroleum), solvent-refined heavy paraffinic (64741-88-4)			
LD50 oral (rat)	> 5000 mg/kg		
LD50 dermal (rabbit)	> 2000 mg/kg		
LC50 inhalation (rat) (mg/l)	> 5000 mg/m³		
LC50 inhalation (rat) (Vapours - mg/l/4h)	5.53 mg/l/4h		
Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)			
LD50 oral (rat)	> 5000 mg/kg bodyweight 401 Acute Oral Toxicity Test		
LD50 dermal (rabbit)	> 5000 mg/kg 402 Acute Dermal Toxicity Test		
LC50 inhalation (rat) (mg/l)	> 5000 mg/m³		

Safety Data Sheet

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

Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7) LC50 inhalation (rat) (Dust/Mist - mg/l/4h) > 5.53 mg/l/4h 403 Acute Inhalation Toxic Distillates (petroleum), hydrotreated light paraffinic (64742-55-8) LD50 oral (rat) > 5000 mg/kg 401 Acute Oral Toxicity Text LD50 dermal (rath) > 5000 mg/kg 402 Acute Dermal Toxicity Text	-	
Distillates (petroleum), hydrotreated light paraffinic (64742-55-8) LD50 oral (rat) > 5000 mg/kg 401 Acute Oral Toxicity Te	-	
LD50 oral (rat) > 5000 mg/kg 401 Acute Oral Toxicity Te	est	
	est	
DE0 dormal (rabbit)		
LD50 dermal (rabbit) > 5000 mg/kg 402 Acute Dermal Toxicity	/ Test	
LC50 inhalation (rat) (Dust/Mist - mg/l/4h) > 5.53 mg/l/4h 403 Acute Inhalation Toxic	city Test	
Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0)		
LD50 oral (rat) > 5000 mg/kg bodyweight 401 Acute Ora	al Toxicity Test	
LD50 dermal (rabbit) > 5000 mg/kg 402 Acute Dermal Toxicity	/ Test	
LC50 inhalation (rat) (Vapours - mg/l/4h) > 5.53 mg/l/4h 403 Acute Inhalation Toxic	city Test	
Alkyl esters of alkyl phenate alkanoic acid		
LD50 oral (rat) > 2000 mg/kg 401 Acute Oral Toxicity		
LD50 dermal (rat) > 2000 mg/kg 402 Acute Dermal Toxicity	1	
Phenol, paraalkylation products with C10-15 branched olefins (C12 rich) derived carbonates, calcium salts, overbased, sulfurized including distillates (petroleum	· · · · · ·	
dewaxed, or catalytic dewaxed, light or heavy paraffinic C15-C50	,, nyuloncateu, solvent lenneu, solvent	
LD50 oral (rat) > 5000 mg/kg bodyweight Animal: rat, Gu	uideline: OECD Guideline 401 (Acute Oral	
Toxicity)		
LD50 dermal (rabbit) > 4000 mg/kg bodyweight Animal: rabbit,	, Guideline: OECD Guideline 402 (Acute Dermal	
Toxicity)		
LC50 inhalation (rat) (mg/l) > 1.67 mg/l OECD 403 (1h)		
Skin corrosion/irritation : Not classified		
Serious eye damage/irritation : Not classified		
Respiratory or skin sensitisation : Not classified		
Germ cell mutagenicity : Not classified		
Carcinogenicity : Not classified		
Reproductive toxicity : Not classified		
STOT-single exposure : Not classified		
STOT-repeated exposure : Not classified		
Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)		
LOAEL (oral, rat, 90 days) 125 mg/kg bodyweight Animal: rat, Anima	al sex: male, Guideline: OECD Guideline 408	
Distillates (petroleum), hydrotreated light paraffinic (64742-55-8)		
LOAEL (oral, rat, 90 days) 125 mg/kg bodyweight/day Animal: rat, A (Repeated Dose 90-Day Oral Toxicity in	Animal sex: male, Guideline: OECD Guideline 408 Rodents)	
Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0)		
LOAEL (oral, rat, 90 days) 125 mg/kg bodyweight		
Phenol, paraalkylation products with C10-15 branched olefins (C12 rich) derived	from propene oligomerization,	
carbonates, calcium salts, overbased, sulfurized including distillates (petroleum		
dewaxed, or catalytic dewaxed, light or heavy paraffinic C15-C50		
	al sex: male, Guideline: OECD Guideline 422	
(Combined Repeated Dose Toxicity Stud Screening Test)	dy with the Reproduction / Developmental Toxicity	
	ideline: OECD Guideline 410 (Repeated Dose	
Dermal Toxicity: 21/28-Day Study)		

Safety Data Sheet

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

Aspiration hazard :	Not classified	
76275 - Engine Oil Super SHPD 10W-30		
Viscosity, kinematic	73 mm²/s @40°C (ASTM D7042)	
Distillates (petroleum), solvent-refined heavy	paraffinic (64741-88-4)	
Viscosity, kinematic	28.51 mm²/s @40°C	
Distillates (petroleum), hydrotreated heavy pa	araffinic (64742-54-7)	
Viscosity, kinematic	21 (21 – 23) mm²/s @40°C	
Distillates (petroleum), hydrotreated light paraffinic (64742-55-8)		
Viscosity, kinematic	< 20.5 mm²/s @40°C	
Distillates (petroleum), solvent-dewaxed heav	vy paraffinic (64742-65-0)	
Viscosity, kinematic	150 (1.99 – 847) mm²/s @40°C	
Phenol, paraalkylation products with C10-15 branched olefins (C12 rich) derived from propene oligomerization, carbonates, calcium salts, overbased, sulfurized including distillates (petroleum), hydrotreated, solvent-refined, solvent-dewaxed, or catalytic dewaxed, light or heavy paraffinic C15-C50		
Viscosity, kinematic	206820 mm²/s Temp.: '20°C' Parameter: 'cSt'	
11.2. Information on other hazards		

No additional information available

SECTION 12: Ecological information	
12.1. Toxicity	
	The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term : (acute)	Not classified
Hazardous to the aquatic environment, long-term : (chronic)	Not classified
Not rapidly degradable	
Distillates (petroleum), solvent-refined heavy	paraffinic (64741-88-4)
LC50 - Fish [1]	> 100 mg/l Pimephales promelas
EC50 - Crustacea [1]	> 10000 mg/l Daphnia magna
NOEC chronic fish	1000 mg/l Oncorhynchus mykiss (14d)
NOEC chronic crustacea	10 mg/l Daphnia magna (21d)
NOEC chronic algae	≥ 100 mg/l Pseudokirchneriella subcapitata (72h)
Distillates (petroleum), hydrotreated heavy pa	raffinic (64742-54-7)
LC50 - Fish [1]	> 100 mg/l Pimephales promelas
EC50 - Crustacea [1]	> 10000 mg/l Daphnia magna
EC50 72h - Algae [1]	> 100 mg/l Scenedesmus quadricauda
NOEC chronic fish	1000 mg/l Oncorhynchus mykiss (14d)
NOEC chronic crustacea	10 mg/l Daphnia magna (21d)
NOEC chronic algae	≥ 100 mg/l Pseudokirchneriella subcapitata (72h)

Safety Data Sheet

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

Distillates (petroleum), hydrotreated light paraffinic (64742-55-8)		
LC50 - Fish [1]	> 100 mg/l Pimephales promelas	
EC50 - Crustacea [1]	> 10000 mg/l Daphnia magna	
NOEC chronic fish	1000 mg/l Oncorhynchus mykiss (14d)	
NOEC chronic crustacea	10 mg/l Daphnia magna (21d)	
NOEC chronic algae	≥ 100 mg/l Pseudokirchneriella subcapitata (72h)	
Distillates (petroleum), solvent-dewaxed heav	vy paraffinic (64742-65-0)	
LC50 - Fish [1]	> 100 mg/l Pimephales promelas	
EC50 - Crustacea [1]	> 10000 mg/l Daphnia magna	
NOEC chronic fish	> 1000 mg/l Oncorhynchus mykiss (14d)	
NOEC chronic crustacea	> 10 mg/l Daphnia magna (21d)	
NOEC chronic algae	> 100 mg/l Pseudokirchneriella subcapitata (72h)	
Alkyl esters of alkyl phenate alkanoic acid		
LC50 - Fish [1]	> 74 mg/l Danio rerio	
EC50 - Crustacea [1]	> 0.9 mg/l Daphnia magna	
EC50 72h - Algae [1]	> 3 mg/l Desmodesmus subspicatus	
NOEC chronic fish	> 0.001 mg/l 36 days Danio rerio	
NOEC chronic algae	> 3 mg/l 72 hours Desmodesmus subspicatus	
carbonates, calcium salts, overbased, sulfuri dewaxed, or catalytic dewaxed, light or heavy		
LC50 - Fish [1]	> 1000 mg/l Source: ECHA Chem	
EC50 - Crustacea [1]	> 1000 mg/l Source: ECHA Chem	
EC50 96h - Algae [1]	> 500 mg/l Source: ECHA Chem	
12.2. Persistence and degradability		
Distillates (petroleum), solvent-refined heavy paraffinic (64741-88-4)		
Persistence and degradability	Not readily biodegradable.	
Biodegradation	31 % OECD 301F (28d)	
Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)		
Persistence and degradability	Not readily biodegradable.	
Biodegradation	31 % OECD 301F (28d)	
Distillates (petroleum), hydrotreated light paraffinic (64742-55-8)		
Biodegradation	31 % OECD 301F (28d)	
Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0)		
Biodegradation	31 % OECD 301F (28d)	
Alkyl esters of alkyl phenate alkanoic acid		
Persistence and degradability	Not readily biodegradable.	
Biodegradation		

Safety Data Sheet

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

	pranched olefins (C12 rich) derived from propene oligomerization,
carbonates, calcium salts, overbased, sulturiz dewaxed, or catalytic dewaxed, light or heavy	zed including distillates (petroleum), hydrotreated, solvent-refined, solvent- paraffinic C15-C50
Persistence and degradability	Not readily biodegradable.
Biodegradation	13.4 % 28 Days
12.3. Bioaccumulative potential	
Distillates (petroleum), solvent-refined heavy	paraffinic (64741-88-4)
Partition coefficient n-octanol/water (Log Pow)	3.9 - 6
Distillates (petroleum), hydrotreated light para	affinic (64742-55-8)
Partition coefficient n-octanol/water (Log Pow)	> 6
Distillates (petroleum), solvent-dewaxed heav	y paraffinic (64742-65-0)
Bioconcentration factor (BCF REACH)	260
Alkyl esters of alkyl phenate alkanoic acid	
Bioconcentration factor (BCF REACH)	260
Partition coefficient n-octanol/water (Log Pow)	9.2
	pranched olefins (C12 rich) derived from propene oligomerization, zed including distillates (petroleum), hydrotreated, solvent-refined, solvent- paraffinic C15-C50
Partition coefficient n-octanol/water (Log Pow)	9.5 Source: ECHA Chem
12.4. Mobility in soil	
	pranched olefins (C12 rich) derived from propene oligomerization, zed including distillates (petroleum), hydrotreated, solvent-refined, solvent- paraffinic C15-C50
Mobility in soil	361500000000 Source: EPISUITE
12.5. Results of PBT and vPvB assessment	
No additional information available	
12.6. Endocrine disrupting properties	
No additional information available	
12.7. Other adverse effects	
No additional information available	
SECTION 13: Disposal considerations	
13.1. Waste treatment methods	

SECTION 14: Transport information

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

Safety Data Sheet

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

ADR	IMDG	ΙΑΤΑ	ADN	RID
14.1. UN number or ID n	umber	,		
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shippin	g name			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard o	lass(es)			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental haz	ards			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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

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)

Safety Data Sheet

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

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)

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

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes			
Section	Changed item	Change	Comments
	Supersedes	Added	
	Revision date	Added	
	Flammability (solid, gas)	Added	
1.1	Name	Modified	
2.1	Adverse physicochemical, human health and environmental effects	Added	
3	Composition/information on ingredients	Modified	
4.1	First-aid measures after skin contact	Added	
4.1	First-aid measures after inhalation	Added	
4.1	First-aid measures after ingestion	Added	
4.1	First-aid measures after eye contact	Added	
4.3	Other medical advice or treatment	Added	
5.1	Suitable extinguishing media	Added	
5.2	Hazardous decomposition products in case of fire	Added	
5.3	Protection during firefighting	Added	
6.1	Protective equipment	Added	
6.1	Emergency procedures	Added	
6.2	Environmental precautions	Added	
6.3	Methods for cleaning up	Added	
6.3	Other information	Added	
6.4	Reference to other sections (8, 13)	Added	
7.1	Precautions for safe handling	Added	
7.1	Hygiene measures	Added	
7.2	Storage conditions	Added	
8.2	Environmental exposure controls	Added	

Safety Data Sheet

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

Indication of changes			
Section	Changed item	Change	Comments
8.2	Respiratory protection	Added	
8.2	Hand protection	Added	
8.2	Eye protection	Added	
8.2	Appropriate engineering controls	Added	
8.2	Skin and body protection	Added	
9.1	Freezing point	Modified	
9.1	Viscosity, kinematic	Modified	
9.1	Flash point	Modified	
9.1	Density	Modified	
10.1	Reactivity	Added	
10.2	Chemical stability	Added	
10.3	Possibility of hazardous reactions	Added	
10.4	Conditions to avoid	Added	
10.6	Hazardous decomposition products	Added	
12.1	Ecology - general	Added	
13.1	HP Code	Added	
13.1	Waste treatment methods	Added	
15.2	Chemical safety assessment	Added	
16	Abbreviations and acronyms	Added	

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)	
COD	Chemical oxygen demand (COD)	
DMEL	Derived Minimal Effect level	
DNEL	Derived-No Effect Level	
EC-No.	European Community number	
EC50	Median effective concentration	
EN	European Standard	
IARC	International Agency for Research on Cancer	
ΙΑΤΑ	International Air Transport Association	
IMDG	International Maritime Dangerous Goods	
LC50	Median lethal concentration	
LD50	Median lethal dose	

Safety Data Sheet

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

Abbreviations and acronyms:		
LOAEL	Lowest Observed Adverse Effect Level	
NOAEC	No-Observed Adverse Effect Concentration	
NOAEL	No-Observed Adverse Effect Level	
NOEC	No-Observed Effect Concentration	
OECD	Organisation for Economic Co-operation and Development	
OEL	Occupational Exposure Limit	
РВТ	Persistent Bioaccumulative Toxic	
PNEC	Predicted No-Effect Concentration	
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail	
SDS	Safety Data Sheet	
STP	Sewage treatment plant	
ThOD	Theoretical oxygen demand (ThOD)	
TLM	Median Tolerance Limit	
VOC	Volatile Organic Compounds	
CAS-No.	Chemical Abstract Service number	
N.O.S.	Not Otherwise Specified	
vPvB	Very Persistent and Very Bioaccumulative	
ED	Endocrine disrupting properties	

Full text of H- and EUH-statements:	
Aquatic Chronic 4	Hazardous to the aquatic environment – Chronic Hazard, Category 4
Asp. Tox. 1	Aspiration hazard, Category 1
EUH210	Safety data sheet available on request.
H304	May be fatal if swallowed and enters airways.
H413	May cause long lasting harmful effects to aquatic life.

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.