

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 05/08/2021 Revision date: 12/01/2024 Supersedes version of: 10/02/2023 Version: 1.2

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

1.1. Product identifier

Product form Product name

Product code

:	Mixture
:	42315 - MOTOR OIL CT 5W-30
	42315

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

1.2.1. Relevant identified uses

Intended for general public Main use category Function or use category

: Industrial use, Professional use, Consumer use

: Lubricants and additives

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

77 Lubricants B.V. NL- 1761 JA The Netherlands T +31 (0)78 6527652 technical@77lubricants.nl - www.77lubricants.nl

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER	+44 20 7188 7188	
United Kingdom	National Poisons Information Service (Belfast Centre) Royal Victoria Hospital	Grosvenor Road BT12 6BA	0344 892 0111	Only for healthcare professionals

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

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

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

Category 3

Labelling according to Regulation (EC) N	lo. 1272/2008 [CLP]
Signal word (CLP)	: -
Hazard statements (CLP)	: H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP)	: P101 - If medical advice is needed, have product container or label at hand.
	P102 - Keep out of reach of children.
	P103 - Read carefully and follow all instructions.
	P273 - Avoid release to the environment.
	P501 - Dispose of contents and container to hazardous or special waste collection point, in
	accordance with local, regional, national and/or international regulation.

Safety Data Sheet

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

2.3. Other hazards

Other hazards which do not result in classification

: Flammable liquids. Prolonged or repeated skin contact with the material will remove natural oils which leads to a dermatitis. Spills of this product present a serious slipping hazard.

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

Component	
phenol, (tetrapropenyl) derivatives (74499-35-7)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

Component		
phenol, (tetrapropenyl) derivatives(74499-35-7)	The substance is included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is 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	

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based substance with national workplace exposure limit(s) (BE, BG, CZ, DK, ES, FI, GR, HU, IE, LT, LV, NL, PL, PT, SE, SK, IS, NO, CH); substance with a Community workplace exposure limit	CAS-No.: 72623-86-0 EC-No.: 276-737-9 EC Index-No.: 649-482-00-X REACH-no: 01-2119474878- 16	≥ 55 – < 75	Asp. Tox. 1, H304
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil substance with a Community workplace exposure limit	CAS-No.: 72623-87-1 EC-No.: 276-738-4 EC Index-No.: 649-483-00-5 REACH-no: 01-2119474889- 13	≥ 15 – < 25	Asp. Tox. 1, H304
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- 25	≥5-<10	Not classified
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	CAS-No.: 64742-55-8 EC-No.: 265-158-7 EC Index-No.: 649-468-00-3 REACH-no: 01-2119487077- 29	≥3-<5	Not classified

Safety Data Sheet

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

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
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	≥ 0.3 – < 3	Not classified
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	≥ 0.3 – < 3	Aquatic Chronic 4, H413
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	CAS-No.: 64741-88-4 EC-No.: 265-090-8 EC Index-No.: 649-454-00-7 REACH-no: 01-2119488706- 23	≥ 0.3 – < 3	Not classified
Zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate) substance with national workplace exposure limit(s) (DE, SK)	CAS-No.: 4259-15-8 EC-No.: 224-235-5 REACH-no: 01-2119493635- 27	≥ 0.3 – < 1	Eye Dam. 1, H318 Aquatic Chronic 2, H411
Phosphorodithioic acid, mixed O,O-bis(1,3- dimethylbutyl and iso-Pr) esters, zinc salts substance with national workplace exposure limit(s) (CZ, DE, SK)	CAS-No.: 84605-29-8 EC-No.: 283-392-8 REACH-no: 01-2119493626- 26	≥ 0.3 – < 1	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 2, H411
phenol, (tetrapropenyl) derivatives substance listed as REACH Candidate (Phenol, alkylation products (mainly in para position) with C12- rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP))	CAS-No.: 74499-35-7 EC-No.: 310-154-3 EC Index-No.: 604-092-00-9	< 0.1	Repr. 1B, H360F Skin Corr. 1C, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10)
diphenylamine substance with national workplace exposure limit(s) (AT, BE, BG, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, IE, IT, LT, PL, PT, RO, SE, SI, SK, IS, NO, CH, TR); substance with a Community workplace exposure limit	CAS-No.: 122-39-4 EC-No.: 204-539-4 EC Index-No.: 612-026-00-5 REACH-no: 01-2119488966- 13	< 0.1	Acute Tox. 3 (Inhalation), H331 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Oral), H301 STOT RE 2, H373 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Specific concentration limits:		
Name	Product identifier	Specific concentration limits (%)
Zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate)	CAS-No.: 4259-15-8 EC-No.: 224-235-5 REACH-no: 01-2119493635- 27	(50 ≤ C < 80) Eye Irrit. 2, H319 (80 ≤ C < 100) Eye Dam. 1, H318
Phosphorodithioic acid, mixed O,O-bis(1,3- dimethylbutyl and iso-Pr) esters, zinc salts	CAS-No.: 84605-29-8 EC-No.: 283-392-8 REACH-no: 01-2119493626- 26	(6.25 < C ≤ 100) Skin Irrit. 2, H315 (10 < C ≤ 12.5) Eye Irrit. 2, H319 (12.5 < C ≤ 100) Eye Dam. 1, H318

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

Safety Data Sheet

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

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 effe	ects, both acute and delayed
Symptoms/effects Symptoms/effects after inhalation Symptoms/effects after skin contact Symptoms/effects after eye contact	 After adequate first aid, no further treatment is required unless symptoms reappear. After adequate first aid, no further treatment is required unless symptoms reappear. After adequate first aid, no further treatment is required unless symptoms reappear. After adequate first aid, no further treatment is required unless symptoms reappear. After adequate first aid, no further treatment is required unless symptoms reappear.

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

Treat symptomatically.

SECTION 5: Firefighting measures		
5.1. Extinguishing media		
Suitable extinguishing media Unsuitable extinguishing media	Water spray. Dry powder. Foam. Carbon dioxide.Do not use a water jet since it may cause the fire to spread.	
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		
Precautionary measures fire Firefighting instructions Protection during firefighting	 Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. 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, protect	ive equipment and emergency procedures	
General measures	: Avoid spilling the product, as this might cause falls.	
6.1.1. For non-emergency personnel		
Protective equipment Emergency procedures	Wear recommended personal protective equipment.Ventilate spillage area.	
6.1.2. For emergency responders		
Protective equipment	 Do not attempt to take action without suitable protective equipment. Wear suitable protective clothing, gloves and eye/face protection. 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

 For containment
 : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

 Methods for cleaning up
 : Take up liquid spill into absorbent material.

 Other information
 : Dispose of materials or solid residues at an authorized site.

Safety Data Sheet

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

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage			
7.1. Precautions for safe handling			
Precautions for safe handling	: Ensure good ventilation of the work station. Wear personal protective equipment. Avoid contact with skin and eyes.		
Handling temperature	: ≤40 °C		
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.		
7.2. Conditions for safe storage, including	any incompatibilities		
Technical measures	: Provide local exhaust or general room ventilation.		
Storage conditions	: Direct sunlight. Heat sources. Store in a well-ventilated place. Keep cool.		
Storage temperature	: ≤40 °C		
Storage area	: Store in a well-ventilated place. Store away from heat.		
Special rules on packaging	: Keep only in original container. Store in a closed container.		
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

Distillates (petroleum), hydrotreated heavy paraffinic (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 paraffinic (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 heav	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/m³	
WEL STEL (OEL STEL)	10 mg/m³	

Safety Data Sheet

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

diphenylamine (122-39-4)		
EU - Indicative Occupational Exposure Limit (IOEL)		
IOEL TWA	10 mg/m ³	
IOEL STEL	20 mg/m ³	
United Kingdom - Occupational Exposure Limits	United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA) [1]	10 mg/m ³	
WEL STEL (OEL STEL)	20 mg/m ³	
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil (72623-87-1)		
EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL TWA	5 mg/m ³	
IOEL STEL	10 mg/m ³	
Distillates (petroleum), solvent-refined heavy	paraffinic (64741-88-4)	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL TWA	5 mg/m ³	
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	
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based (72623-86-0)		
EU - Indicative Occupational Exposure Limit (IOEL	EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL TWA	5 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.

8.2.2. Personal protection equipment

Personal protective equipment: Gloves. Safety glasses. Protective clothing.

Personal protective equipment symbol(s):



Safety Data Sheet

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

8.2.2.1. Eye and face protection

Eye protection:

Use splash goggles when eye contact due to splashing is possible. Safety glasses

Eye protection			
Type 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	ind protection				
Type Material Permeation		Permeation	Thickness (mm)	Penetration	Standard
	Nitrile rubber (NBR), Neoprene rubber (HNBR)	5 (> 240 minutes)	0.7	3 (> 0.65)	EN ISO 374
	Polyvinylchloride (PVC)	2 (> 30 minutes)	0.4	3 (> 0.65)	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 physical and chemical properties

Physical state	: Liquid
Colour	: Brown.
Odour	: characteristic.
Odour threshold	: Not available
Melting point	: Not applicable
Freezing point	: -36 °C (ASTM D7346)
Boiling point	: Not available
Flammability	: Non flammable.
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: > 201 °C (ASTM D92)
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
рН	: Not available
Viscosity, kinematic	: 69 mm²/s @ 40°C (ASTM D7042)
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	: 849 kg/m³ @ 15°C (ASTM D4052)
Relative density	: Not available

Safety Data Sheet

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

Relative vapour density at 20°C Particle characteristics	Not availableNot 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

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

Strong oxidizing agents.

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 in Regulation (EC) No 1272/2008		
Acute toxicity (dermal)	Not classified Not classified Not classified	
Distillates (petroleum), hydrotreated heavy pa	raffinic (64742-54-7)	
LD50 oral (rat)	> 5000 mg/kg bodyweight 401 Acute Oral Toxicity Test	
LD50 dermal (rabbit)	> 2000 mg/kg 402 Acute Dermal Toxicity Test	
LC50 inhalation (rat) (mg/l)	> 5000 mg/l/4h	
LC50 inhalation (rat) (Dust/Mist - mg/l/4h)	> 5.53 mg/l/4h 403 Acute Inhalation Toxicity Test	
Distillates (petroleum), hydrotreated light para	affinic (64742-55-8)	
LD50 oral (rat)	> 5000 mg/kg 401 Acute Oral Toxicity Test	
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 Toxicity Test	
Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0)		
LD50 oral (rat)	> 5000 mg/kg bodyweight 401 Acute Oral Toxicity Test	
LD50 dermal (rabbit)	> 5000 mg/kg 402 Acute Dermal Toxicity Test	

Safety Data Sheet

Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0)		
LC50 inhalation (rat) (Vapours - mg/l/4h) > 5.53 mg/l/4h 403 Acute Inhalation Toxicity Test		
Zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate) (4259-15-8)		
LD50 oral (rat)	3100 mg/kg bodyweight OECD Guideline 401 (Acute Oral Toxicity)	
LD50 dermal (rabbit)	> 5000 mg/kg OECD Guideline 402 (Acute Dermal Toxicity)	
	imethylbutyl and iso-Pr) esters, zinc salts (84605-29-8)	
LD50 oral (rat)	3100 mg/kg OECD 401	
LD50 dermal (rat)	> 2002 mg/kg OECD 402	
LC50 inhalation (rat) (Vapours - mg/l/4h)	> 2.3 mg/l/4h OECD 403	
phenol, (tetrapropenyl) derivatives (74499-35		
LD50 oral (rat)	2200 mg/kg 401 Acute Oral Toxicity Test	
LD50 dermal (rabbit)	15000 mg/kg 402 Acute Dermal Toxicity Test	
diphenylamine (122-39-4)		
LD50 oral (rat)	> 800 mg/kg	
LD50 dermal (rabbit)	> 5000 mg/kg	
Lubricating oils (petroleum), C20-50, hydrotre	eated neutral oil (72623-87-1)	
LD50 oral (rat)	> 5000 mg/kg	
LD50 dermal (rabbit)	> 2000 mg/kg	
LC50 inhalation (rat) (Dust/Mist - mg/l/4h)	> 5.53 mg/l/4h	
	branched olefins (C12 rich) derived from propene oligomerization, ized including distillates (petroleum), hydrotreated, solvent-refined, solvent- y paraffinic C15-C50	
LD50 oral (rat)	> 5000 mg/kg bodyweight Animal: rat, Guideline: 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)	
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/m ³	
LC50 inhalation (rat) (Vapours - mg/l/4h)		
	5.53 mg/l/4h	
Lubricating oils (petroleum), C15-30, hydrotre		
Lubricating oils (petroleum), C15-30, hydrotre	eated neutral oil-based (72623-86-0)	
Lubricating oils (petroleum), C15-30, hydrotre	eated neutral oil-based (72623-86-0) > 5000 mg/kg bodyweight 401 Acute Oral Toxicity Test	
Lubricating oils (petroleum), C15-30, hydrotre LD50 oral (rat) LD50 dermal (rabbit) LC50 inhalation (rat) (Dust/Mist - mg/l/4h) Skin corrosion/irritation	eated neutral oil-based (72623-86-0) > 5000 mg/kg bodyweight 401 Acute Oral Toxicity Test > 5000 mg/kg 402 Acute Dermal Toxicity Test > 5.53 mg/l/4h 403 Acute Inhalation Toxicity Test Not classified	
Lubricating oils (petroleum), C15-30, hydrotre LD50 oral (rat) LD50 dermal (rabbit) LC50 inhalation (rat) (Dust/Mist - mg/l/4h) Skin corrosion/irritation serious eye damage/irritation	eated neutral oil-based (72623-86-0) > 5000 mg/kg bodyweight 401 Acute Oral Toxicity Test > 5000 mg/kg 402 Acute Dermal Toxicity Test > 5.53 mg/l/4h 403 Acute Inhalation Toxicity Test Not classified Not classified	
Lubricating oils (petroleum), C15-30, hydrotre LD50 oral (rat) LD50 dermal (rabbit) LC50 inhalation (rat) (Dust/Mist - mg/l/4h) Skin corrosion/irritation Serious eye damage/irritation Respiratory or skin sensitisation	eated neutral oil-based (72623-86-0) > 5000 mg/kg bodyweight 401 Acute Oral Toxicity Test > 5000 mg/kg 402 Acute Dermal Toxicity Test > 5.53 mg/l/4h 403 Acute Inhalation Toxicity Test Not classified Not classified Not classified Not classified	
Lubricating oils (petroleum), C15-30, hydrotre LD50 oral (rat) LD50 dermal (rabbit) LC50 inhalation (rat) (Dust/Mist - mg/l/4h) Skin corrosion/irritation Serious eye damage/irritation	eated neutral oil-based (72623-86-0) > 5000 mg/kg bodyweight 401 Acute Oral Toxicity Test > 5000 mg/kg 402 Acute Dermal Toxicity Test > 5.53 mg/l/4h 403 Acute Inhalation Toxicity Test Not classified Not classified	

Safety Data Sheet

	5 5 F (5 galation (20) 2020/070		
Reproductive toxicity	: Not classified		
STOT-single exposure STOT-repeated exposure	: Not classified : Not classified		
Distillates (petroleum), hydrotreated heavy			
LOAEL (oral, rat, 90 days)	125 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408		
Distillates (petroleum), hydrotreated light p			
LOAEL (oral, rat, 90 days)	125 mg/kg bodyweight/day Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)		
Distillates (petroleum), solvent-dewaxed he	avy paraffinic (64742-65-0)		
LOAEL (oral, rat, 90 days)	125 mg/kg bodyweight		
Zinc bis[O,O-bis(2-ethylhexyl)] bis(dithioph	osphate) (4259-15-8)		
NOAEL (oral, rat, 90 days)	125 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 407 (Repeated Dose 28- Day Oral Toxicity Study in Rodents)		
Phosphorodithioic acid, mixed O,O-bis(1,3-	dimethylbutyl and iso-Pr) esters, zinc salts (84605-29-8)		
NOAEL (subacute, oral, animal/male, 28 days)	160 mg/kg bodyweight		
diphenylamine (122-39-4)			
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.		
Lubricating oils (petroleum), C20-50, hydrod	treated neutral oil (72623-87-1)		
LOAEL (oral, rat, 90 days)	125 mg/kg bodyweight/day		
carbonates, calcium salts, overbased, sulfu	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		
NOAEL (oral, rat, 90 days)	200 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)		
NOAEL (dermal, rat/rabbit, 90 days)			
	≈ 250 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)		
Lubricating oils (petroleum), C15-30, hydrod	Dermal Toxicity: 21/28-Day Study)		
Lubricating oils (petroleum), C15-30, hydrod LOAEL (oral, rat, 90 days)	Dermal Toxicity: 21/28-Day Study)		
	Dermal Toxicity: 21/28-Day Study) treated neutral oil-based (72623-86-0)		
LOAEL (oral, rat, 90 days)	Dermal Toxicity: 21/28-Day Study) treated neutral oil-based (72623-86-0) 125 mg/kg bodyweight		
LOAEL (oral, rat, 90 days) Aspiration hazard	Dermal Toxicity: 21/28-Day Study) treated neutral oil-based (72623-86-0) 125 mg/kg bodyweight		
LOAEL (oral, rat, 90 days) Aspiration hazard 42315 - MOTOR OIL CT 5W-30	Dermal Toxicity: 21/28-Day Study) treated neutral oil-based (72623-86-0) 125 mg/kg bodyweight : Not classified 69 mm²/s @ 40°C (ASTM D7042)		
LOAEL (oral, rat, 90 days) Aspiration hazard 42315 - MOTOR OIL CT 5W-30 Viscosity, kinematic	Dermal Toxicity: 21/28-Day Study) treated neutral oil-based (72623-86-0) 125 mg/kg bodyweight : Not classified 69 mm²/s @ 40°C (ASTM D7042)		
LOAEL (oral, rat, 90 days) Aspiration hazard 42315 - MOTOR OIL CT 5W-30 Viscosity, kinematic Distillates (petroleum), hydrotreated heavy	Dermal Toxicity: 21/28-Day Study) treated neutral oil-based (72623-86-0) 125 mg/kg bodyweight : Not classified 69 mm²/s @ 40°C (ASTM D7042) paraffinic (64742-54-7) 98 (98 – 108) mm²/s @40°C		
LOAEL (oral, rat, 90 days) Aspiration hazard 42315 - MOTOR OIL CT 5W-30 Viscosity, kinematic Distillates (petroleum), hydrotreated heavy Viscosity, kinematic	Dermal Toxicity: 21/28-Day Study) treated neutral oil-based (72623-86-0) 125 mg/kg bodyweight : Not classified 69 mm²/s @ 40°C (ASTM D7042) paraffinic (64742-54-7) 98 (98 – 108) mm²/s @40°C		
LOAEL (oral, rat, 90 days) Aspiration hazard 42315 - MOTOR OIL CT 5W-30 Viscosity, kinematic Distillates (petroleum), hydrotreated heavy Viscosity, kinematic Distillates (petroleum), hydrotreated light pr	Dermal Toxicity: 21/28-Day Study) treated neutral oil-based (72623-86-0) 125 mg/kg bodyweight : Not classified 69 mm²/s @ 40°C (ASTM D7042) paraffinic (64742-54-7) 98 (98 – 108) mm²/s @40°C araffinic (64742-55-8) < 20.5 mm²/s @40°C		
LOAEL (oral, rat, 90 days) Aspiration hazard 42315 - MOTOR OIL CT 5W-30 Viscosity, kinematic Distillates (petroleum), hydrotreated heavy Viscosity, kinematic Distillates (petroleum), hydrotreated light po Viscosity, kinematic	Dermal Toxicity: 21/28-Day Study) treated neutral oil-based (72623-86-0) 125 mg/kg bodyweight : Not classified 69 mm²/s @ 40°C (ASTM D7042) paraffinic (64742-54-7) 98 (98 – 108) mm²/s @40°C araffinic (64742-55-8) < 20.5 mm²/s @40°C		
LOAEL (oral, rat, 90 days) Aspiration hazard 42315 - MOTOR OIL CT 5W-30 Viscosity, kinematic Distillates (petroleum), hydrotreated heavy Viscosity, kinematic Distillates (petroleum), hydrotreated light p Viscosity, kinematic Distillates (petroleum), solvent-dewaxed he	Dermal Toxicity: 21/28-Day Study) treated neutral oil-based (72623-86-0) 125 mg/kg bodyweight : Not classified 69 mm²/s @ 40°C (ASTM D7042) paraffinic (64742-54-7) 98 (98 – 108) mm²/s @40°C araffinic (64742-55-8) < 20.5 mm²/s @40°C		

Safety Data Sheet

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

Phosphorodithioic acid, mixed O,O-bis(1,3-dimethylbutyl and iso-Pr) esters, zinc salts (84605-29-8)		
Viscosity, kinematic	407.6 mm²/s	
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil (72623-87-1)		
Viscosity, kinematic	47 mm²/s	
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'	
Distillates (petroleum), solvent-refined heavy	paraffinic (64741-88-4)	
Viscosity, kinematic	28.51 mm²/s @40°C	
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based (72623-86-0)		
Viscosity, kinematic	1.99 – 847 mm²/s 40°C	
11.2. Information on other hazards		
11.2.1. Endocrine disrupting properties		
Component		

Component		
	phenol, (tetrapropenyl) derivatives(74499-35-7)	The substance is identified for having endocrine disrupting properties but there is no additional data available (see section 2.3)

11.2.2. Other information

No additional information available

SECTION 12: Ecological information		
12.1. Toxicity		
6, 6	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)	Harmful to aquatic life with long lasting effects.	
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 Pseudokirchneriella subcapitat	
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 light paraffinic (64742-55-8)		
LC50 - Fish [1]	> 100 mg/l Pimephales promelas	
EC50 - Crustacea [1]	> 10000 mg/l Daphnia magna	
EC50 72h - Algae [1]	> 100 mg/l Pseudokirchneriella subcapitat	
NOEC chronic fish	1000 mg/l Oncorhynchus mykiss (14d)	
NOEC chronic crustacea	10 mg/l Daphnia magna (21d)	

Safety Data Sheet

Distillates (petroloum), hydrotroated light par	offinic (64742 EE 8)	
Distillates (petroleum), hydrotreated light paraffinic (64742-55-8) NOEC chronic algae ≥ 100 mg/l Pseudokirchneriella subcapitata (72h)		
Distillates (petroleum), solvent-dewaxed heav		
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)	
Zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophos	phate) (4259-15-8)	
LC50 - Fish [1]	4.4 mg/l Oncorhynchus mykiss	
EC50 - Crustacea [1]	75 mg/l Daphnia magna	
EC50 72h - Algae [1]	410 mg/l Desmodesmus subspicatus	
NOEC chronic crustacea	0.4 mg/l Daphnia magna (21d)	
NOEC chronic algae	220 mg/l Scenedesmus quadricauda (72h)	
Phosphorodithioic acid, mixed 0,0-bis(1,3-dia	methylbutyl and iso-Pr) esters, zinc salts (84605-29-8)	
LC50 - Fish [1]	4.5 mg/l Oncorhynchus mykiss	
LC50 - Fish [2]	46 mg/l Cyprinodon variegatus	
EC50 - Crustacea [1]	23 mg/l Water flea (Daphnia magna) (OECD 202)	
EC50 72h - Algae [1]	21 mg/l Scenedesmus quadricauda	
NOEC chronic crustacea	0.4 mg/l Daphnia magna (21d) (OECD 211)	
NOEC chronic algae	10 mg/l Scenedesmus quadricauda (72h)	
phenol, (tetrapropenyl) derivatives (74499-35-	7)	
LC50 - Fish [1]	40 mg/l Pimephales promelas	
EC50 - Crustacea [1]	0.037 mg/l Daphnia magna	
EC50 72h - Algae [1]	0.36 mg/l Desmodesmus subspicatus	
NOEC chronic crustacea	0.0037 mg/l Daphnia magna (21d)	
NOEC chronic algae	0.07 mg/l Desmodesmus subspicatus (72h)	
diphenylamine (122-39-4)		
LC50 - Fish [1]	3.79 mg/l Pimephales promelas	
EC50 - Crustacea [1]	2 mg/l Daphnia magna (OECD 202)	
EC50 72h - Algae [1]	2.17 mg/l Desmodesmus subspicatus (OECD 201)	
NOEC chronic fish	0.625 mg/l Oryzias latipes (21d)	
NOEC chronic crustacea	0.125 mg/l Daphnia magna (OECD Test Guideline 202) (21d)	
NOEC chronic algae	0.027 mg/l Pseudokirchnerella subcapitata (72h)	
Lubricating oils (petroleum), C20-50, hydrotre	ated neutral oil (72623-87-1)	
LC50 - Fish [1]	> 100 mg/l Pimephales promelas	
EC50 - Crustacea [1]	> 10000 Daphnia magna	
NOEC chronic fish	1000 mg/l Oncorhynchus mykiss (14d)	
NOEC chronic crustacea	10 mg/l Daphnia magna (21d)	
L	1	

Safety Data Sheet

Lubricating oils (petroleum), C20-50, hydrotreated neutral oil (72623-87-1)		
NOEC chronic algae	100 mg/l Pseudokirchneriella subcapitata (72h)	
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		
LC50 - Fish [1]	> 1000 mg/l Pimephales promelas	
EC50 - Crustacea [1]	> 1000 mg/l Daphnia magna	
EC50 96h - Algae [1]	> 500 mg/l Pseudokirchneriella subcapitata	
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)	
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based (72623-86-0)		
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)	
12.2. Persistence and degradability		
Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)		
Persistence and degradability	Not readily biodegradable.	
Piedegradation		

Persistence and degradability	Not readily biodegradable.		
Biodegradation	31 % OECD TG 301 F (28d)		
Distillates (petroleum), hydrotreated light para	affinic (64742-55-8)		
Biodegradation	31 % OECD TG 301 F (28d)		
Distillates (petroleum), solvent-dewaxed heav	y paraffinic (64742-65-0)		
Biodegradation	31 % OECD 301F (28d)		
Zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophos	phate) (4259-15-8)		
Persistence and degradability Not readily biodegradable.			
Biodegradation < 5 % OECD TG 301 D (28d)			
Phosphorodithioic acid, mixed O,O-bis(1,3-dir	nethylbutyl and iso-Pr) esters, zinc salts (84605-29-8)		
Persistence and degradability Not readily biodegradable.			
Biodegradation 1.5 % OECD TG 301 B (28d)			
phenol, (tetrapropenyl) derivatives (74499-35-7)			
Persistence and degradability	Not readily biodegradable.		
Biodegradation	6 – 25 % OECD 301B (28d)		

Safety Data Sheet

diphenylamine (122-39-4)		
Biodegradation	26 % OECD TG 301 D (28d)	
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil (72623-87-1)		
Biodegradation	31 %	
	branched olefins (C12 rich) derived from propene oligomerization, zed including distillates (petroleum), hydrotreated, solvent-refined, solvent- paraffinic C15-C50	
Persistence and degradability	Not readily biodegradable.	
Biodegradation	13.4 % OECD 301B (28d)	
Distillates (petroleum), solvent-refined heavy	paraffinic (64741-88-4)	
Persistence and degradability	Not readily biodegradable.	
Biodegradation	31 % OECD 301F (28d)	
Lubricating oils (petroleum), C15-30, hydrotre	ated neutral oil-based (72623-86-0)	
Persistence and degradability	Not readily biodegradable.	
Biodegradation	31 % 28 d OECD 301F	
12.3. Bioaccumulative potential		
Distillates (petroleum), hydrotreated heavy pa	raffinic (64742-54-7)	
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	
Zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophos	phate) (4259-15-8)	
Partition coefficient n-octanol/water (Log Kow)	3.6	
Phosphorodithioic acid, mixed O,O-bis(1,3-dimethylbutyl and iso-Pr) esters, zinc salts (84605-29-8)		
Partition coefficient n-octanol/water (Log Kow)	0.56	
phenol, (tetrapropenyl) derivatives (74499-35-	7)	
Bioconcentration factor (BCF REACH)	289	
Partition coefficient n-octanol/water (Log Pow)	7.14 @ 25°C	
Bioaccumulative potential	Bioaccumulative potential.	
diphenylamine (122-39-4)		
Bioconcentration factor (BCF REACH)	151.36	
Partition coefficient n-octanol/water (Log Kow)	3.4	
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		
Bioconcentration factor (BCF REACH)	2.2	
Partition coefficient n-octanol/water (Log Pow)	9.5	

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)		
Partition coefficient n-octanol/water (Log Pow)	3.9 – 6	
12.4. Mobility in soil		
Phosphorodithioic acid, mixed O,O-bis(1,3-di	methylbutyl and iso-Pr) esters, zinc salts (84605-29-8)	
Ecology - soil	Adsorbs into the soil.	
	branched olefins (C12 rich) derived from propene oligomerization, zed including distillates (petroleum), hydrotreated, solvent-refined, solvent- / paraffinic C15-C50	
Mobility in soil	361500000000 Source: EPISUITE	
Lubricating oils (petroleum), C15-30, hydrotre	eated neutral oil-based (72623-86-0)	
Ecology - soil	Adsorbs into the soil.	
12.5. Results of PBT and vPvB assessment		
Component		
phenol, (tetrapropenyl) derivatives (74499-35-7)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	
12.6. Endocrine disrupting properties		
Component		
phenol, (tetrapropenyl) derivatives(74499-35-7)	The substance is identified for having endocrine disrupting properties but there is no additional data available (see section 2.3)	
12.7. Other adverse effects		

No additional information available

SECTION 13: Disposal consideration	IS
13.1. Waste treatment methods	
Waste treatment methods European List of Waste (LoW, EC 2000/532) HP Code	 Dispose of contents/container in accordance with licensed collector's sorting instructions. 13 02 00 - waste engine, gear and lubricating oils HP5 - "Specific Target Organ Toxicity (STOT)/Aspiration Toxicity:" waste which can cause specific target organ toxicity either from a single or repeated exposure, or which cause acute toxic effects following aspiration.

SECTION 14: Transport information

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

ADR	IMDG	ΙΑΤΑ	ADN	RID	
14.1. UN number or ID n	14.1. UN number or ID number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
14.2. UN proper shipping name					
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
14.3. Transport hazard class(es)					
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	

Safety Data Sheet

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

ADR	IMDG	ΙΑΤΑ	ADN	RID
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
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

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 substance(s) listed on the REACH Candidate List in concentrations \geq 0.1 % or SCL: Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP) (EC 310-154-3, CAS 74499-35-7)

PIC Regulation (Prior Informed Consent)

Contains substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals): Diphenylamine (122-39-4)

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)

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)

Safety Data Sheet

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

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			Comments
	Supersedes	Modified	
	Revision date	Modified	
9.1	Colour	Modified	

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	
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	

Safety Data Sheet

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

Abbreviations and acronyms:	
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:

Full text of H- and EUH-statements:		
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3	
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3	
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3	
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 4	Hazardous to the aquatic environment – Chronic Hazard, Category 4	
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	
H301	Toxic if swallowed.	
H304	May be fatal if swallowed and enters airways.	
H311	Toxic in contact with skin.	
H314	Causes severe skin burns and eye damage.	
H315	Causes skin irritation.	
H318	Causes serious eye damage.	
H319	Causes serious eye irritation.	
H331	Toxic if inhaled.	
H360F	May damage fertility.	
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.	
H413	May cause long lasting harmful effects to aquatic life.	
Repr. 1B	Reproductive toxicity, Category 1B	
Skin Corr. 1C	Skin corrosion/irritation, Category 1, Sub-Category 1C	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2	

Safety Data Sheet

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

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.