Productcode 72060



# WAVE POWER ADVANTAGE 10W-40

# Semi Synthetic Passenger Car Engine oil

**WAVE POWER ADVANTAGE 10W-40** is an universal high performance fuel saving semi synthetic oil for use in gasoline- and diesel engines of passenger cars and light vans with or without turbocharger. This product is unsuitable for diesel engines equipped with a Diesel Particulate Filter (DPF).

**WAVE POWER ADVANTAGE 10W-40** is formulated with high quality refined mineral and synthetic base stocks in combination with a special additive technology to achieve the following performance:

- Very good low temperature properties.
- Protection to wear by cold start.
- Very high thermal and oxidation stability.
- Excellent resistance against foaming, corrosion and wear.
- High dispersancy and detergency level.
- High Viscosity Index

## **WAVE POWER ADVANTAGE 10W-40** meets the following performance criteria:

Meets	API SN	ACEA A3/B3-16	VW 501.01/505.00
	MB 229.1		

Suitable <- 2019 BMW LL-01 applications

## **Typical Analysis**

Properties	Unit	Method	Typical Value
SAE Grade		SAE J300	10W-40
Density @15°C	kg/m³	ASTM 4052	856
Kinematic Viscosity @ 40°C	mm²/s	ASTM D7042	87.6
Kinematic Viscosity @ 100°C	mm²/s	ASTM D7042	13.6
Viscosity Index		ASTM D2270	160
Viscosity CCS @ -25°C	сР	ASTM D5293	4700
Flash Point COC	°C	ASTM D92	>200
Pour Point	°C	ASTM D7346	-36
Total Base Number	mgKOH/g	ASTM D2896	9.1
Sulphated Ash	%Wt	ASTM D874	1.1
Date Issued: 05-08–2022	Supersedes: 18-01-	2021 Revisi	on Nr.: 03



### Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 11/22/2011 Revision date: 4/13/2021 Supersedes version of: 2/25/2021 Version: 3.2

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

### **1.1. Product identifier**

Product form: MixtureProduct name: 72060 - WAVE POWER ADVANTAGE 10VProduct code: 72060Type of product: LubricantProduct group: Lubricant
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#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### 1.2.1. Relevant identified uses

Main use category

: Consumer use, Professional use

#### 1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

North Sea Lubricants B.V. B.V. Ampèrestraat 5 NL– 3846AN Harderwijk The Netherlands T +31 651345369 support@northsealubricants.com - www.northsealubricants.com

#### **1.4. Emergency telephone number**

Emergency number

: +31 (0)786527652 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

No additional information available

#### 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

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

### SECTION 3: Composition/information on ingredients

## 3.1. Substances

Not applicable

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3.2. Mixtures				
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil substance with national workplace exposure limit(s) (BG, CZ, DK, HR, NL); 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	≥ 75	Asp. Tox. 1, H304	
Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil substance with national workplace exposure limit(s) (BE, BG, CZ, DK, HR, NL, NO); 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	2.5 – 10	Asp. Tox. 1, H304	
Distillates (petroleum), hydrotreated light paraffinic; Baseoil substance with national workplace exposure limit(s) (BE, NL)	CAS-No.: 64742-55-8 EC-No.: 265-158-7 EC Index-No.: 649-468-00-3 REACH-no: 01-2119487077- 29	2.5 – 5	Not classified	
Phosphorodithioic acid, mixed O,O-bis(1,3- dimethylbutyl and iso-Pr) esters, zinc salts substance with national workplace exposure limit(s) (DE, SK)	CAS-No.: 84605-29-8 EC-No.: 283-392-8 REACH-no: 01-2119493626- 26	0.5 – 2.5	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 2, H411	
Phenol, dodecyl-, sulfurized, carbonates,calcium salts, overbased	EC-No.: 701-251-5 REACH-no: 01-2119524004- 56	0.5 – 2.5	Aquatic Chronic 4, H413	

Specific concentration limits:			
Name	Product identifier	Specific concentration limits	
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	( 15 <c 100)="" 2,="" <="" h315<br="" irrit.="" skin="">( 15 <c 2,="" 20)="" eye="" h319<br="" irrit.="" ≤="">( 20 <c 1,="" 100)="" <="" dam.="" eye="" h318<="" td=""></c></c></c>	

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 general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).		
First-aid measures after inhalation	: Allow affected person to breathe fresh air. Allow the victim to rest.		
First-aid measures after skin contact	<ul> <li>Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.</li> </ul>		
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.		
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.		
4.2. Most important symptoms and effects, both acute and delayed			
Symptoms/effects	: After adequate first aid, no further treatment is required unless symptoms reappear. Not expected to present a significant hazard under anticipated conditions of normal use.		
Symptoms/effects after inhalation	: After adequate first aid, no further treatment is required unless symptoms reappear.		
Symptoms/effects after skin contact	: After adequate first aid, no further treatment is required unless symptoms reappear.		
Symptoms/effects after eye contact	: After adequate first aid, no further treatment is required unless symptoms reappear.		

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### 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 Unsuitable extinguishing media	<ul><li>Foam. Dry powder. Carbon dioxide. Water spray. Sand.</li><li>Do not use a heavy water stream.</li></ul>
5.2. Special hazards arising from the sub-	stance or mixture
No additional information available	
5.3. Advice for firefighters	
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
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 equip	pment and emergency procedures			
6.1.1. For non-emergency personnel				
Protective equipment	: Eliminate all ignition sources if safe to do so.			
Emergency procedures	: Evacuate unnecessary personnel.			
6.1.2. For emergency responders				
Protective equipment	: Wear suitable protective clothing, gloves and eye/face protection. Equip cleanup crew with proper protection.			
Emergency procedures	: Ventilate area.			

**6.2. Environmental precautions** 

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up		
Methods for cleaning up	: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.	

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling	: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.
7.2. Conditions for safe storage, includi	ing any incompatibilities
Storage conditions	: Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.
Incompatible products	: Strong bases. Strong acids.
Incompatible materials	: Sources of ignition. Direct sunlight.
Storage temperature	: ≤45 °C
Storage area	: Store in a well-ventilated place.
Special rules on packaging	: Keep only in original container. Store in a closed container.

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#### 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), solvent-dewaxed heavy paraffinic; Baseoil (64742-65-0)			
EU - Indicative Occupational Exposure Limit (IOEL)			
IOEL TWA 5 mg/m <sup>3</sup>			
IOEL STEL	10 mg/m <sup>3</sup>		
Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil (64742-54-7)			
EU - Indicative Occupational Exposure Limit (IOEL)			
IOEL TWA 5 mg/m <sup>3</sup>			

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

No additional information available

#### 8.2.2. Personal protection equipment

#### Personal protective equipment:

Avoid all unnecessary exposure.

Personal protective equipment symbol(s):



#### 8.2.2.1. Eye and face protection

#### Eye protection:

Chemical goggles or safety glasses

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

#### 8.2.2.2. Skin protection

#### Hand protection:

Wear protective gloves.

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

#### 8.2.2.3. Respiratory protection

#### **Respiratory protection:**

Wear appropriate mask

#### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Other information:

Do not eat, drink or smoke during use.

## 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 available
Freezing point	: -36 °C
Boiling point	: Not available
Flammability	: Non flammable.
Explosive limits	: Not available
Lower explosive limit (LEL)	: Not available
Upper explosive limit (UEL)	: Not available
Flash point	: > 201 °C
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pН	: Not available
Viscosity, kinematic	: 88 mm²/s @40°C
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	: 857 kg/m³ @15°C
Relative density	: Not available
Relative vapour density at 20 °C	: Not available
Particle size	: Not applicable
Particle size distribution	: Not applicable
Particle shape	: Not applicable
Particle aspect ratio	: Not applicable
Particle aggregation state	: Not applicable
Particle agglomeration state	: Not applicable
Particle specific surface area	: Not applicable
Particle dustiness	: 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: Stability and reactivity
10.1. Reactivity
No additional information available
10.2. Chemical stability
Not established.
10.3. Possibility of hazardous reactions
Not established.
10.4. Conditions to avoid
Direct sunlight. Extremely high or low temperatures.
10.5. Incompatible materials
Strong acids. Strong bases.
10.6. Hazardous decomposition products
fume. Carbon monoxide. Carbon dioxide.
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-dewaxed heav	y paraffinic; Baseoil (64742-65-0)		
LD50 oral (rat)	> 5000 mg/kg bodyweight		
LD50 dermal (rabbit)	> 5000 mg/kg		
LC50 inhalation (rat) (Vapours - mg/l/4h)	> 5.53 mg/l/4h		
Distillates (petroleum), hydrotreated heavy pa	raffinic; Baseoil (64742-54-7)		
LD50 oral (rat)	> 5000 mg/kg bodyweight		
LD50 dermal (rabbit)	> 5000 mg/kg		
LC50 inhalation (rat) (Vapours - mg/l/4h)	> 5.53 mg/l/4h		
Distillates (petroleum), hydrotreated light paraffinic; Baseoil (64742-55-8)			
LD50 oral (rat)	> 5000 mg/kg		
LD50 dermal (rabbit)	> 5000 mg/kg		
LC50 inhalation (rat) (Dust/Mist - mg/l/4h)	> 5.53 mg/l/4h		
Phosphorodithioic acid, mixed O,O-bis(1,3-dimethylbutyl and iso-Pr) esters, zinc salts (84605-29-8)			
LD50 oral (rat)	3150 mg/kg		
LD50 dermal (rat)	> 2002 mg/kg		
LC50 inhalation (rat) (Vapours - mg/l/4h)	> 2.3 mg/l/4h		
Phenol, dodecyl-, sulfurized, carbonates,calcium salts, overbased			
LD50 oral (rat)	> 5000 mg/kg		
LD50 dermal (rabbit)	> 4000 µg/kg		

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Phenol, dodecyl-, sulfurized, carbonates,calcium salts, overbased				
LC50 inhalation (rat) (Vapours - mg/l/4h)	> 0.835 mg/l/4h			
Skin corrosion/irritation Additional information	<ul> <li>Not classified</li> <li>Based on available data, the classification criteria are not met</li> </ul>			
Serious eye damage/irritation	: Not classified			
Additional information	: Based on available data, the classification criteria are not met			
Respiratory or skin sensitisation	: Not classified			
Additional information	: Based on available data, the classification criteria are not met			
Germ cell mutagenicity	: Not classified			
Additional information	: Based on available data, the classification criteria are not met			
Carcinogenicity	: Not classified			
Additional information	: Based on available data, the classification criteria are not met			
Reproductive toxicity	: Not classified			
Additional information	: Based on available data, the classification criteria are not met			
STOT-single exposure	: Not classified			
Additional information	: Based on available data, the classification criteria are not met			
STOT-repeated exposure	: Not classified			
Additional information	: Based on available data, the classification criteria are not met			
Distillates (petroleum), solvent-dewaxed he	eavy paraffinic; Baseoil (64742-65-0)			
LOAEL (oral, rat, 90 days)	125 mg/kg bodyweight			
NOAEL (dermal, rat/rabbit, 90 days)	≈ 1000 mg/kg bodyweight			
Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil (64742-54-7)				
LOAEL (oral, rat, 90 days)	125 mg/kg bodyweight			
Distillates (petroleum), hydrotreated light p	paraffinic; Baseoil (64742-55-8)			
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)			
Phosphorodithioic acid, mixed O,O-bis(1,3	-dimethylbutyl and iso-Pr) esters, zinc salts (84605-29-8)			
NOAEL (oral, rat, 90 days)	160 mg/kg bodyweight			
Aspiration hazard	: Not classified			
Additional information	: Based on available data, the classification criteria are not met			
72060 - WAVE POWER ADVANTAGE 10W-40				
Viscosity, kinematic	88 mm²/s @40°C			
11.2. Information on other hazards				
11.2.1. Endocrine disrupting properties				
No additional information available				
11.2.2. Other information				
Potential adverse human health effects and	· Paced on available data, the classification criteria are not met			

Potential adverse human health effects and : Based on available data, the classification criteria are not met symptoms

SECTION 12: Ecological information	
12.1. Toxicity	
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

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Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil (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		
NOEC chronic crustacea	10 mg/l Daphnia magna		
NOEC chronic algae	> 100 mg/l Pseudokirchneriella subcapitata		
Distillates (petroleum), hydrotreated heavy pa	iraffinic; Baseoil (64742-54-7)		
LC50 - Fish [1]	> 100 mg/l Pimephales promelas		
EC50 - Crustacea [1]	> 10000 mg/l Daphnia magna		
NOEC chronic fish	1000 mg/l Oncorhynchus mykiss		
NOEC chronic crustacea	10 mg/l Daphnia magna		
NOEC chronic algae	> 100 mg/l Pseudokirchneriella subcapitata		
Distillates (petroleum), hydrotreated light para	affinic; Baseoil (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		
NOEC chronic crustacea	10 mg/l Daphnia magna		
NOEC chronic algae	≥ 100 mg/l Pseudokirchneriella subcapitata		
Phosphorodithioic acid, mixed O,O-bis(1,3-dia	methylbutyl and iso-Pr) esters, zinc salts (84605-29-8)		
LC50 - Fish [1]	4.5 mg/l Oncorhynchus mykiss		
EC50 - Crustacea [1]	23 mg/l Daphnia magna		
EC50 72h - Algae [1]	24 mg/l Desmodesmus subspicatus		
NOEC chronic crustacea	0.4 mg/l Daphnia magna		
NOEC chronic algae	10 mg/l Desmodesmus subspicatus		
Phenol, dodecyl-, sulfurized, carbonates,calcium salts, overbased			
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			
12.2. Devoietence and degradability			

## 12.2. Persistence and degradability

72060 - WAVE POWER ADVANTAGE 10W-40			
Persistence and degradability Not established.			
Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil (64742-65-0)			
Persistence and degradability	Persistence and degradability Not readily biodegradable.		
Biodegradation	31 % 28 d OECD 301F		
Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil (64742-54-7)			
Persistence and degradability Not readily biodegradable.			
Biodegradation 31 % 28 d OECD 301F			

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Distillates (petroleum), hydrotreated light paraffinic; Baseoil (64742-55-8)					
Biodegradation	31 % 28 d, OECD TG 301 F				
Phosphorodithioic acid, mixed O,O-bis(1,3-dimethylbutyl and iso-Pr) esters, zinc salts (84605-29-8)					
Persistence and degradability Not readily biodegradable.					
Biodegradation	1.5 % 28 Days (OECD 301 B)				
Phenol, dodecyl-, sulfurized, carbonates,calcium salts, overbased					
Persistence and degradability	Not readily biodegradable.				
Biodegradation	13.4 % OECD 301B 28 days				
12.3. Bioaccumulative potential					
72060 - WAVE POWER ADVANTAGE 10W-4	40				
Bioaccumulative potential	Not established.				
Distillates (petroleum), solvent-dewaxed he	avy paraffinic; Baseoil (64742-65-0)				
Bioconcentration factor (BCF REACH)	260				
Partition coefficient n-octanol/water (Log Pow)	9.2				
Distillates (petroleum), hydrotreated heavy	paraffinic; Baseoil (64742-54-7)				
Partition coefficient n-octanol/water (Log Kow)	> 4				
Distillates (petroleum), hydrotreated light p	araffinic; Baseoil (64742-55-8)				
Partition coefficient n-octanol/water (Log Pow)	> 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 Pow)	0.56				
Phenol, dodecyl-, sulfurized, carbonates,calcium salts, overbased					
Partition coefficient n-octanol/water (Log Pow)	9.5				
12.4. Mobility in soil					
Phosphorodithioic acid, mixed O,O-bis(1,3-	dimethylbutyl and iso-Pr) esters, zinc salts (84605-29-8)				
Ecology - soil	Adsorbs into the soil.				
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					
Additional information	: Avoid release to the environment.				
SECTION 13: Disposal considerations					
13.1. Waste treatment methods					
Product/Packaging disposal recommendations Ecology - waste materials	<ul><li>Dispose in a safe manner in accordance with local/national regulations.</li><li>Avoid release to the environment.</li></ul>				

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SECTION 14: Transport information				
n accordance with ADR / IMI	DG / IATA / ADN / RID			
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 class(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 hazards				
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

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

#### 15.1.2. National regulations

No additional information available

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## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## **SECTION 16: Other information**

### Indication of changes:

Composition/information on ingredients.

Indication of changes			
Section	Changed item	Change	Comments
	SDS EU format	Added	
	Revision date	Modified	
	Supersedes	Modified	
	Flammability (solid, gas)	Modified	
1.2	Industrial/Professional use spec	Added	
1.2	Main use category	Added	
4.1	First-aid measures general	Added	
4.1	First-aid measures after skin contact	Modified	
4.1	First-aid measures after inhalation	Modified	
4.1	First-aid measures after ingestion	Modified	
4.1	First-aid measures after eye contact	Modified	
4.2	Symptoms/effects	Modified	
5.1	Unsuitable extinguishing media	Modified	
5.1	Suitable extinguishing media	Modified	
5.3	Firefighting instructions	Added	
5.3	Protection during firefighting	Modified	
6.1	Emergency procedures	Added	
6.1	Emergency procedures	Modified	
6.1	Protective equipment	Modified	
6.2	Environmental precautions	Modified	
6.3	Methods for cleaning up	Modified	
6.4	Reference to other sections (8, 13)	Modified	
7.1	Precautions for safe handling	Modified	
7.2	Incompatible products	Added	
7.2	Incompatible materials	Added	
7.2	Storage conditions	Modified	
8.2	Other information	Added	
8.2	Respiratory protection	Added	
8.2	Personal protective equipment	Added	
8.2	Hand protection	Added	
8.2	Eye protection	Added	

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Indication of changes			
Section	Changed item	Change	Comments
9.1	Density	Modified	
10.2	Chemical stability	Modified	
10.3	Possibility of hazardous reactions	Modified	
10.4	Conditions to avoid	Modified	
10.5	Incompatible materials	Added	
10.6	Hazardous decomposition products	Modified	
11.1	Additional information	Added	
11.1	Additional information	Added	
11.1	Additional information	Added	
11.1	Additional information	Added	
11.1	Additional information	Added	
11.1	Additional information	Added	
11.1	Additional information	Added	
11.1	Additional information	Added	
11.1	Additional information	Added	
11.1	Potential adverse human health effects and symptoms	Added	
12.2	Persistence and degradability	Added	
12.3	Bioaccumulative potential	Added	
13.1	Ecology - waste materials	Added	
13.1	Waste disposal recommendations	Added	
16	Data sources	Added	
16	Other information	Added	

Data sources

 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.
 None.

Other information

## Full text of H- and EUH-statements:

Hazardous to the aquatic environment — Chronic Hazard, Category 2	
Hazardous to the aquatic environment — Chronic Hazard, Category 4	
Aspiration hazard, Category 1	
Safety data sheet available on request.	
Serious eye damage/eye irritation, Category 1	
Serious eye damage/eye irritation, Category 2	
May be fatal if swallowed and enters airways.	
Causes skin irritation.	
Causes serious eye damage.	
Causes serious eye irritation.	

# Safety Data Sheet

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

Full text of H- and EUH-statements:		
H411	Toxic to aquatic life with long lasting effects.	
H413	May cause long lasting harmful effects to aquatic life.	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	

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.