

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 7/3/2012 Revision date: 9/15/2021 Supersedes version of: 8/16/2019 Version: 2.0

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

1.1. Product identifier

Product form	: Mixture
Product name	: 73070 - AUTOGEAR POWER MP 85W-90
Product code	: 73070
Type of product	: Lubricant

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

1.2.1. Relevant identified uses

Main use category Industrial/Professional use spec Professional use
 Industrial For professional use only
 Lubricants and additives

Function or use category

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 <u>support@northsealubricants.com</u> - <u>www.northsealubricants.com</u>

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] Hazardous to the aquatic environment — Chronic Hazard, Category 3 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

Labelling according to Regulation (EC) No. 127	2/2008 [CLP]
Signal word (CLP)	:-
Hazard statements (CLP)	: H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP)	: 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.
EUH-statements	 EUH208 - Contains Reaction product of 1,3,4-thiadiazolidine-2.5-dithione, formaldehyde and phenol, heptyl derivs, Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentaoxide, and salted by amines,C12-14- tert-alkyl. May produce an allergic reaction.

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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. Component

Reaction product of 1,3,4-thiadiazolidine-2.5-dithione,	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
formaldehyde and phenol, heptyl derivs.	This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

The mixture contains substance(s) 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

Component	
Reaction product of 1,3,4-thiadiazolidine-2.5-dithione, formaldehyde and phenol, heptyl derivs.	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]
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	50 – 75	Asp. Tox. 1, H304
Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentaoxide, and salted by amines, C12-14- tert-alkyl	EC-No.: 931-384-6 REACH-no: 01-2119493620- 38	0.5 – 1	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Skin Sens. 1B, H317 Aquatic Chronic 2, H411
C16-18-(even numbered, saturated and unsaturated)- alkylamines	EC-No.: 627-034-4 REACH-no: 01-2119473797- 19	0.1 – 1	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10)
Reaction product of 1,3,4-thiadiazolidine-2.5-dithione, formaldehyde and phenol, heptyl derivs. substance listed as REACH Candidate (Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]) substance identified as having endocrine disrupting properties	EC-No.: 939-460-0 REACH-no: 01-2119971727- 23	0.05 – 0.5	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1B, H317 Aquatic Chronic 3, H412

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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	: Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	: Wash skin with plenty of water. Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	 Rinse eyes with water as a precaution. Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell. Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.
4.2. Most important symptoms and ef	fects, 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 Symptoms/effects after ingestion	 After adequate first aid, no further treatment is required unless symptoms reappear. After adequate first aid, no further treatment is required unless symptoms reappear.
Cymptomoreneous aner ingestion	

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	Foam. Dry powder. Carbon dioxide. Water spray. Sand.Do not use a heavy water stream.
5.2. Special hazards arising from the subst	tance or mixture
Hazardous decomposition products in case of fire	: Toxic fumes may be released.
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 attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures		
6.1. Personal precautions, prot	ective equipment and emergency procedures	
General measures	: Avoid spilling the product, as this might cause falls.	
6.1.1. For non-emergency personne	al de la constante de la const	
Protective equipment	: Eliminate all ignition sources if safe to do so.	
Emergency procedures	: Ventilate spillage area. Evacuate unnecessary personnel.	
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". Equip cleanup crew with proper protection.	

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Emergency procedures	: Ventilate area.		
6.2. Environmental precautions			
Prevent entry to sewers and public wate	ers. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.		
6.3. Methods and material for containment and cleaning up			
Methods for cleaning up	: Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.		
Other information	: Dispose of materials or solid residues at an authorized site.		

6.4. Reference to other sections

For further information refer to section 13. See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and stor	age
7.1. Precautions for safe handling	
Precautions for safe handling	: Ensure good ventilation of the work station. Wear personal protective equipment. 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.
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, in	ncluding any incompatibilities
Storage conditions	: Store in a well-ventilated place. Keep cool. 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	: 50 °C
Storage area	: Store away from heat. Store in a well-ventilated place.
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. National occupational exposure and biological limit values Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil (64742-54-7) EU - Indicative Occupational Exposure Limit (IOEL) IOEL TWA 5 mg/m³ 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

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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.

8.2.2.1. Eye and face protection

No additional information available

8.2.2.2. Skin protection

No additional information available

8.2.2.3. Respiratory protection

No additional information available

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls: Avoid release to the environment.

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	: light brown.
Odour	: characteristic.
Odour threshold	: Not available
Melting point	: Not applicable
Freezing point	: -21 °C
Boiling point	: Not available
Flammability	: Not applicable, Non flammable.
Explosive limits	: Not available
Lower explosive limit (LEL)	: Not available
Upper explosive limit (UEL)	: Not available
Flash point	: 224 °C
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
рН	: Not available
Viscosity, kinematic	: 180 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	: 902.1 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

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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. Not established.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use. Not established.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7). Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological inform	ion	
11.1. Information on hazard classes as	defined in Regulation (EC) No 1272/2008	
Acute toxicity (oral)	: Not classified	
Acute toxicity (dermal)	: Not classified	
Acute toxicity (inhalation)	: Not classified	
Distillates (petroleum), hydrotreated h	avy paraffinic; 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	
C16-18-(even numbered, saturated an	unsaturated)-alkylamines	
LD50 oral (rat)	1689 mg/kg	
LD50 dermal (rat)	> 2000 mg/kg	
Skin corrosion/irritation	: Not classified	
Additional information	: Based on available data, the classification criteria are not met	
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	

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Additional information STOT-single exposure Additional information	 Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met
C16-18-(even numbered, saturated and u	unsaturated)-alkylamines
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure Additional information	Not classifiedBased on available data, the classification criteria are not met
Distillates (petroleum), hydrotreated hea	avy paraffinic; Baseoil (64742-54-7)
LOAEL (oral, rat, 90 days)	125 mg/kg bodyweight
Reaction products of 4-methyl-2-pentane pentaoxide, and salted by amines,C12-1	ol and diphosphorus pentasulfide, propoxylated,esterified with diphosphorus 4- tert-alkyl
NOAEL (oral, rat, 90 days)	150 mg/kg bodyweight/day
C16-18-(even numbered, saturated and u	unsaturated)-alkylamines
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard Additional information	 Not classified Based on available data, the classification criteria are not met
73070 - AUTOGEAR POWER MP 85W-90	
Viscosity, kinematic	180 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	: Based on available data, the classification criteria are not met

symptoms

SECTION 12: Ecological information

12.1. Toxicity

effects in the environment. Ecology - water : Harmful to aquatic life with long lasting effects. Hazardous to the aquatic environment, short-term : Not classified (acute) : Harmful to aquatic life with long lasting effects. Hazardous to the aquatic environment, long-term : Harmful to aquatic life with long lasting effects.			
LC50 - Fish [1]> 100 mg/l Pimephales promelasEC50 - Crustacea [1]> 1000 mg/l Daphnia magnaNOEC chronic fish1000 mg/l Oncorhynchus mykissNOEC chronic crustacea10 mg/l Daphnia magnaNOEC chronic algae> 100 mg/l Pseudokirchneriella subcapitataReaction product of 1,3,4-thiadiazolidine-2.5-tihione, formaldehyde and phenol, heptyl derivs.LC50 - Fish [1]> 40 mg/l Pimephales promelasEC50 - Crustacea [1]75 mg/l Daphnia magna	Ecology - water : Hazardous to the aquatic environment, short-term : (acute)	effects in the environment. Harmful to aquatic life with long lasting effects. Not classified	
EC50 - Crustacea [1]> 10000 mg/l Daphnia magnaNOEC chronic fish1000 mg/l Oncorhynchus mykissNOEC chronic crustacea10 mg/l Daphnia magnaNOEC chronic algae> 100 mg/l Pseudokirchneriella subcapitataReaction product of 1,3,4-thiadiazolidine-2.5-thione, formaldehyde and phenol, heptyl derivs.LC50 - Fish [1]> 40 mg/l Pimephales promelasEC50 - Crustacea [1]75 mg/l Daphnia magna	Distillates (petroleum), hydrotreated heavy pa	raffinic; Baseoil (64742-54-7)	
NOEC chronic fish1000 mg/l Oncorhynchus mykissNOEC chronic crustacea10 mg/l Daphnia magnaNOEC chronic algae> 100 mg/l Pseudokirchneriella subcapitataReaction product of 1,3,4-thiadiazolidine-2.5-thione, formaldehyde and phenol, heptyl derivs.LC50 - Fish [1]> 40 mg/l Pimephales promelasEC50 - Crustacea [1]75 mg/l Daphnia magna	LC50 - Fish [1]	> 100 mg/l Pimephales promelas	
NOEC chronic crustacea 10 mg/l Daphnia magna NOEC chronic algae > 100 mg/l Pseudokirchneriella subcapitata Reaction product of 1,3,4-thiadiazolidine-2.5-thione, formaldehyde and phenol, heptyl derivs. LC50 - Fish [1] > 40 mg/l Pimephales promelas EC50 - Crustacea [1] 75 mg/l Daphnia magna	EC50 - Crustacea [1]	> 10000 mg/l Daphnia magna	
NOEC chronic algae > 100 mg/l Pseudokirchneriella subcapitata Reaction product of 1,3,4-thiadiazolidine-2.5-dithione, formaldehyde and phenol, heptyl derivs. LC50 - Fish [1] > 40 mg/l Pimephales promelas EC50 - Crustacea [1] 75 mg/l Daphnia magna	NOEC chronic fish	1000 mg/l Oncorhynchus mykiss	
Reaction product of 1,3,4-thiadiazolidine-2.5-dithione, formaldehyde and phenol, heptyl derivs. LC50 - Fish [1] > 40 mg/l Pimephales promelas EC50 - Crustacea [1] 75 mg/l Daphnia magna	NOEC chronic crustacea	10 mg/l Daphnia magna	
LC50 - Fish [1] > 40 mg/l Pimephales promelas EC50 - Crustacea [1] 75 mg/l Daphnia magna	NOEC chronic algae	> 100 mg/l Pseudokirchneriella subcapitata	
EC50 - Crustacea [1] 75 mg/l Daphnia magna	Reaction product of 1,3,4-thiadiazolidine-2.5-dithione, formaldehyde and phenol, heptyl derivs.		
	LC50 - Fish [1]	> 40 mg/l Pimephales promelas	
EC50 96h - Algae [1] 25 mg/l Selenastrum capricornutum	EC50 - Crustacea [1]	75 mg/l Daphnia magna	
	EC50 96h - Algae [1]	25 mg/l Selenastrum capricornutum	

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Reaction product of 1,3,4-thiadiazolidine-2.5-dithione, formaldehyde and phenol, heptyl derivs.			
ErC50 algae	> 100 mg/l		
NOEC (chronic)	32 mg/l		
NOEC chronic fish	1000 mg/l Pimephales promelas		
Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated,esterified with diphosphorus pentaoxide, and salted by amines,C12-14- tert-alkyl			
LC50 - Fish [1]	24 mg/l (Oncorhynchus mykiss, 96h) (OECD 203 method)		
LC50 - Fish [2]	8.5 mg/l Pimephales promelas		
EC50 - Crustacea [1]	91.4 mg/l Daphnia magna		
EC50 72h - Algae [1]	6.4 mg/l selenastrum capricomutum		
NOEC chronic fish	3.2 mg/l Oncorhynchus mykiss		
NOEC chronic crustacea	0.12 mg/l Daphnia magna		
NOEC chronic algae	1.7 mg/l selenastrum capricomutum		
C16-18-(even numbered, saturated and unsat	urated)-alkylamines		
LC50 - Fish [1]	0.06 mg/l		
EC50 - Crustacea [1]	0.011 mg/l		
EC50 72h - Algae [1]	0.04 mg/l		
NOEC chronic crustacea	0.013 mg/l		
12.2. Persistence and degradability			
73070 - AUTOGEAR POWER MP 85W-90			
Persistence and degradability	May cause long-term adverse effects in the environment.		
Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil (64742-54-7)			
Persistence and degradability	Not readily biodegradable.		
Biodegradation	31 % 28 d OECD 301F		
Reaction product of 1,3,4-thiadiazolidine-2.5-dithione, formaldehyde and phenol, heptyl derivs.			
Biodegradation	17.4 % 28 Days		
Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated,esterified with diphosphorus pentaoxide, and salted by amines,C12-14- tert-alkyl			
Biodegradation	7.4 % 28 DY, OECD TG 301 B		
C16-18-(even numbered, saturated and unsaturated)-alkylamines			
Biodegradation	66 % 28 d OECD 301B		
12.3. Bioaccumulative potential			
73070 - AUTOGEAR POWER MP 85W-90			
Bioaccumulative potential	Not established.		
Distillates (petroleum), hydrotreated heavy pa	araffinic; Baseoil (64742-54-7)		
Partition coefficient n-octanol/water (Log Kow)	> 4		
Reaction product of 1,3,4-thiadiazolidine-2.5-	dithione, formaldehyde and phenol, heptyl derivs.		
Partition coefficient n-octanol/water (Log Kow)	9.4		
l	1		

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C16-18-(even numbered, saturated and unsaturated)-alkylamines		
Bioconcentration factor (BCF REACH) 500		
Partition coefficient n-octanol/water (Log Kow) 4.33 @25 °C		
12.4. Mobility in soil		

No additional information available

12.5. Results of PBT and vPvB assessment	
Component	
Reaction product of 1,3,4-thiadiazolidine-2.5-dithione, formaldehyde and phenol, heptyl derivs.	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

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	
Waste treatment methods Product/Packaging disposal recommendations	 Dispose of contents/container in accordance with licensed collector's sorting instructions. Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
Ecology - waste materials European List of Waste (LoW) code	 Avoid release to the environment. 13 02 05* - mineral-based non-chlorinated engine, gear and lubricating oils

SECTION 14: Transport information

ADR	IMDG	ΙΑΤΑ	ADN	RID
14.1. UN number or ID r	lumber			
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 haz	zards			
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No

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14.6. Special precautions for user

Overland transport

No data available

Transport by sea No data available

Air transport No data available

Inland waterway transport No data available

Rail transport

No data available

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains a substance on the REACH candidate list in concentration $\ge 0.1\%$ or with a lower specific limit: Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with $\ge 0.1\%$ w/w 4-heptylphenol, branched and linear (4-HPbl)] (EC 939-460-0)

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

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

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:		
Acute Tox. 4 (Oral)	Acute Tox. 4 (Oral) Acute toxicity (oral), Category 4	
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		

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Full text of H- and EUH-statements:		
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3	
Asp. Tox. 1	Aspiration hazard, Category 1	
EUH208	Contains Reaction product of 1,3,4-thiadiazolidine-2.5-dithione, formaldehyde and phenol, heptyl derivs, Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentaoxide, and salted by amines, C12-14- tert-alkyl. May produce an allergic reaction.	
Eye Dam. 1	Serious eye damage/eye irritation, Category 1	
H302	Harmful if swallowed.	
H304	May be fatal if swallowed and enters airways.	
H314	Causes severe skin burns and eye damage.	
H315	Causes skin irritation.	
H317	May cause an allergic skin reaction.	
H318	Causes serious eye damage.	
H335	May cause respiratory irritation.	
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.	
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
Skin Sens. 1B	Skin sensitisation, category 1B	
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2	
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation	

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.