Print date: 04.03.2024



Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC SUPERTRAC SAE 10W-30 (STOU)

Revision date: 06.04.2023 Product code: 20027 Page 1 of 13

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

1.1. Product identifier

HIGHTEC SUPERTRAC SAE 10W-30 (STOU)

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

1.3. Details of the supplier of the safety data sheet

Company name: ROWE Mineralölwerk GmbH

Street: Langgewann 101
Place: D-67547 Worms
Talanhana: +40 (0)6241 5006

Telephone: +49 (0)6241 5906-0 Telefax: +49 (0)6241 5906-999

E-mail: info@rowe-oil.com
Contact person: Product Compliance
E-mail: sdb@rowe-oil.com
Internet: www.rowe-oil.com

<u>1.4. Emergency telephone</u> Ireland: Public (8am-10pm) +353 180 921 66, Healthcare Professionals +353

<u>number:</u> 1809 2566 other Countries: Emergency CONTACT (24-Hour-Number): GBK

GmbH +49 (0)6132-84463

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

2.2. Label elements

Regulation (EC) No 1272/2008

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P103 Read carefully and follow all instructions.

P273 Avoid release to the environment.

P501 Dispose of contents/container to of the disposal according to local regulations.

2.3. Other hazards

Endocrine disrupting properties: phenol, (tetrapropenyl) derivatives.

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures



according to Regulation (EC) No 1907/2006

HIGHTEC SUPERTRAC SAE 10W-30 (STOU)

Revision date: 06.04.2023 Product code: 20027 Page 2 of 13

Relevant ingredients

CAS No	Chemical name					
	EC No	Index No	REACH No			
	Classification (Regulation (EC) N	o 1272/2008)	•			
64742-54-7	Distillates (petroleum), hydrotreat	ed heavy paraffinic; Baseoil	- unspecified	2.5 - < 5 %		
	265-157-1	649-467-00-8	01-2119484627-25			
	Asp. Tox. 1; H304	•	·			
64742-65-0	Distillates (petroleum), solvent-de	1 - < 2.5 %				
	265-169-7	649-474-00-6	01-2119471299-27			
	Asp. Tox. 1; H304					
85940-28-9	Phosphorodithioic acid, mixed O,	1 - < 2.5 %				
	288-917-4		01-2119521201-64			
	Skin Irrit. 2, Eye Dam. 1, Aquatic					
74499-35-7	phenol, (tetrapropenyl) derivative	s		< 0.1 %		
	616-100-8	604-092-00-9				
	Repr. 1B, Skin Corr. 1C, Eye Dar H400 H410					

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

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc.	Limits, M-factors and ATE	
64742-54-7	265-157-1	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified	2.5 - < 5 %
	dermal: LD50	= > 5000 mg/kg; oral: LD50 = > 5000 mg/kg	
64742-65-0	265-169-7	Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified	1 - < 2.5 %
	dermal: LD50	= > 5000 mg/kg; oral: LD50 = > 5000 mg/kg	
85940-28-9	288-917-4	Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu and iso-Pr) esters, zinc salts	1 - < 2.5 %
		= > 20000 mg/kg; oral: LD50 = 3080 mg/kg	
74499-35-7	616-100-8	phenol, (tetrapropenyl) derivatives	< 0.1 %
		= 15000 mg/kg; oral: LD50 = 2200 mg/kg Aquatic Acute 1; H400: M=10 c 1; H410: M=10	

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Provide fresh air.

After contact with skin

Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion

Rinse mouth immediately and drink 1 glass of of water.

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

No information available.

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

Treat symptomatically.



according to Regulation (EC) No 1907/2006

HIGHTEC SUPERTRAC SAE 10W-30 (STOU)

Revision date: 06.04.2023 Product code: 20027 Page 3 of 13

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

5.2. Special hazards arising from the substance or mixture

Non-flammable.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Avoid contact with skin, eyes and clothes. Do not breathe mist/vapours/spray.

For non-emergency personnel

Provide adequate ventilation. Use personal protection equipment. Remove persons to safety.

For emergency responders

Wear personal protection equipment (refer to section 8).

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

For containment

Stop leak if safe to do so. Cover drains. Prevent spread over a wide area (e.g. by containment or oil barriers).

For cleaning up

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

Other information

Clean contaminated articles and floor according to the environmental legislation.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

No special measures are necessary.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

Advice on general occupational hygiene

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat, drink, smoke sniff

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed.



according to Regulation (EC) No 1907/2006

HIGHTEC SUPERTRAC SAE 10W-30 (STOU)

Revision date: 06.04.2023 Product code: 20027 Page 4 of 13

Hints on joint storage

No special measures are necessary.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

DNEL/DMEL values

CAS No	Substance					
DNEL type		Exposure route	Effect	Value		
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified					
Worker DNEL,	long-term	inhalation	local	5,58 mg/m³		
Worker DNEL,	long-term	dermal	systemic	0,97 mg/kg bw/day		
Worker DNEL,	long-term	inhalation	systemic	2,73 mg/m³		
Consumer DNE	EL, long-term	inhalation	local	1,19 mg/m³		
Consumer DNE	EL, long-term	oral	systemic	0,74 mg/kg bw/day		
64742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic;	Baseoil - unspecified				
Worker DNEL,	long-term	inhalation	systemic	2,73 mg/m³		
Worker DNEL,	long-term	inhalation	local	5,58 mg/m³		
Worker DNEL,	long-term	dermal	systemic	0,97 mg/kg bw/day		
Consumer DNE	EL, long-term	inhalation	local	1,19 mg/m³		
Consumer DNE	EL, long-term	oral	systemic	0,74 mg/kg bw/day		
85940-28-9	Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and is	o-Bu and iso-Pr) esters	, zinc salts			
Worker DNEL,	long-term	inhalation	systemic	6,6 mg/m³		
Worker DNEL,	long-term	dermal	systemic	9,6 mg/kg bw/day		
Consumer DNEL, long-term		inhalation	systemic	1,67 mg/m³		
Consumer DNEL, long-term		dermal	systemic	4,8 mg/kg bw/day		
Consumer DNEL, long-term		oral	systemic	0,19 mg/kg bw/day		
74499-35-7 phenol, (tetrapropenyl) derivatives						
Worker DNEL,	long-term	inhalation	systemic	0,053 mg/m³		
Worker DNEL,	long-term	dermal	systemic	0,25 mg/kg bw/day		



according to Regulation (EC) No 1907/2006

HIGHTEC SUPERTRAC SAE 10W-30 (STOU)

Revision date: 06.04.2023 Product code: 20027 Page 5 of 13

PNEC values

CAS No	Substance	
Environmenta	al compartment	Value
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified	
Secondary po	pisoning	9,33 mg/kg
64742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified	
Secondary po	pisoning	9,33 mg/kg
85940-28-9	Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu and iso-Pr) esters, zinc salts	
Freshwater		0,002 mg/l
Freshwater (intermittent releases)		0,02 mg/l
Marine water		0 mg/l
Freshwater sediment		19,3 mg/kg
Marine sediment		1,93 mg/kg
Micro-organisms in sewage treatment plants (STP)		100 mg/l
Soil		15,7 mg/kg

8.2. Exposure controls

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear eye/face protection.

Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Skin protection

Use of protective clothing.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

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: light brown
Odour: characteristic

Test method

Melting point/freezing point:

Boiling point or initial boiling point and

not determined
not determined

boiling range:

Flammability:

Lower explosion limits:

Upper explosion limits:

not determined

Flash point:

Auto-ignition temperature:

Decomposition temperature:

Not readily combustible.

not determined

> 190 °C

not determined

not determined



according to Regulation (EC) No 1907/2006

HIGHTEC SUPERTRAC SAE 10W-30 (STOU)

Revision date: 06.04.2023 Product code: 20027 Page 6 of 13

pH-Value: not determined Viscosity / kinematic: ~ 12,1 mm²/s

(at 100 °C)

Water solubility: The study does not need to be conducted

because the substance is known to be

insoluble in water.

Solubility in other solvents

not determined

Partition coefficient n-octanol/water: not determined

Vapour pressure: not determined calculated.

Density: ~ 0,865 g/cm³
Relative vapour density: not determined
Particle characteristics: not relevant

9.2. Other information

Other safety characteristics

Pour point: <-24 °C

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

none

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Based on available data, the classification criteria are not met.

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l



according to Regulation (EC) No 1907/2006

HIGHTEC SUPERTRAC SAE 10W-30 (STOU)

Revision date: 06.04.2023 Product code: 20027 Page 7 of 13

CAS No	Chemical name						
	Exposure route	Dose		Species	Source	Method	
64742-54-7	Distillates (petroleum), hy	drotreated heavy	paraffir	nic; Baseoil - unspecified			
	oral	LD50 > 50 mg/kg	00	Rat	REACh Dossier	OECD 401	
	dermal	LD50 > 50 mg/kg	00	Rabbit	REACh Dossier	OECD 402	
64742-65-0	Distillates (petroleum), so	lvent-dewaxed he	avy pa	raffinic; Baseoil - unspecifi	ed		
	oral	LD50 > 50 mg/kg	000	Rat	REACh Dossier	OECD 401	
	dermal	LD50 > 50 mg/kg	00	Rabbit	REACh Dossier	OECD 402	
85940-28-9	Phosphorodithioic acid, n	nixed O,O-bis(2-et	hylhexy	yl and iso-Bu and iso-Pr) e	sters, zinc salts		
	oral	LD50 3080 mg/kg)	Rat	REACh Dossier		
	dermal	LD50 > 20 mg/kg	000	Rabbit	REACh Dossier		
74499-35-7	phenol, (tetrapropenyl) de	erivatives					
	oral	LD50 2200 mg/kg)	Rat	Pre-supplier/manufact urer	OECD 401	
	dermal	LD50 1500 mg/kg	00	Rabbit	Pre-supplier/manufact urer	OECD 402	

Irritation and corrosivity

Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

11.2. Information on other hazards

Endocrine disrupting properties

Endocrine disrupting properties: phenol, (tetrapropenyl) derivatives.

Other information

No information available.

SECTION 12: Ecological information

12.1. Toxicity

Harmful to aquatic life with long lasting effects.

Harmful to aquatic life with long lasting effects.



according to Regulation (EC) No 1907/2006

HIGHTEC SUPERTRAC SAE 10W-30 (STOU)

Revision date: 06.04.2023 Product code: 20027 Page 8 of 13

CAS No	Chemical name								
	Aquatic toxicity	Dose		[h] [d]	Species	Source	Method		
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified								
	Acute fish toxicity	LL50 mg/l	> 100	96 h	Pimephales promelas (fathead minnow)	REACh Dossier	OECD 203		
	Acute algae toxicity	ErC50 mg/l	> 100	72 h	Pseudokirchneriella subcapitata	REACh Dossier	OECD 201		
	Acute crustacea toxicity	EL50 mg/l	> 10000	48 h	Daphnia magna (Big water flea)	REACh Dossier	OECD 202		
	Fish toxicity	NOEC mg/l	>= 1000	14 d	Oncorhynchus mykiss (Rainbow trout)	REACh Dossier	QSAR		
	Crustacea toxicity	NOEC mg/l	> 10	21 d	Daphnia magna (Big water flea)	REACh Dossier	OECD 211		
64742-65-0	Distillates (petroleum), so	lvent-dewax	ked heavy pai	raffinic; E	Baseoil - unspecified				
	Acute fish toxicity	LL50 mg/l	> 100	96 h	Pimephales promelas (fathead minnow)	REACh Dossier	OECD 203		
	Acute crustacea toxicity	EL50 mg/l	> 10000	48 h	Daphnia pulex (water flea)	REACh Dossier	OECD 202		
	Fish toxicity	NOEC mg/l	>= 1000	14 d	Oncorhynchus mykiss (Rainbow trout)	REACh Dossier	QSAR		
	Algae toxicity	NOEC mg/l	>= 100	3 d	Pseudokirchneriella subcapitata	REACh Dossier	OECD 201		
85940-28-9	Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu and iso-Pr) esters, zinc salts								
	Acute fish toxicity	LL50	4,5 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)	REACh Dossier	OECD 203		
	Acute algae toxicity	ErC50	2,1 mg/l	72 h	Selenastrum capricornutum	REACh Dossier	OECD 201		
	Acute crustacea toxicity	EC50	5,4 mg/l	48 h	Daphnia magna (Big water flea)	REACh Dossier	OECD 202		
	Crustacea toxicity	NOEC	0,4 mg/l	21 d	Daphnia magna (Big water flea)	REACh Dossier	OECD 211		
	Acute bacteria toxicity	EC50 mg/l ()	> 10000	3 h	Activated sludge	REACh Dossier	OECD 209		
74499-35-7	phenol, (tetrapropenyl) de	rivatives							
	Acute crustacea toxicity	EL50 mg/l	0,037	48 h	Daphnia magna (Big water flea)	Pre-supplier/manu facturer			
	Crustacea toxicity	NOEC mg/l	0,0037	21 d	Daphnia magna (Big water flea)	Pre-supplier/manu facturer			

12.2. Persistence and degradability

The product has not been tested.

Print date: 04.03.2024



Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC SUPERTRAC SAE 10W-30 (STOU)

Revision date: 06.04.2023 Product code: 20027 Page 9 of 13

CAS No	Chemical name					
	Method	Value	d	Source		
	Evaluation	-		•		
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - u	inspecified				
	OECD 301B	21 %	28	REACh Dossier		
	Not easily bio-degradable (according to OECD-criteria).					
64742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified					
	OECD 301F	31 %	28	REACh Dossier		
	Not easily bio-degradable (according to OECD-criteria).					
85940-28-9	Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu and iso-Pr) esters, zinc salts					
	OECD 301B	1,5 %	28	Pre-supplier/manufactur er		
	Not easily bio-degradable (according to OECD-criteria).					
74499-35-7	phenol, (tetrapropenyl) derivatives					
	OECD 301B	6 - 25 %	28	Pre-supplier/manufactur er		
	Not easily bio-degradable (according to OECD-criteria).					

12.3. Bioaccumulative potential

The product has not been tested.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
85940-28-9	Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu and iso-Pr) esters, zinc salts	8,87

BCF

CAS No	Chemical name	BCF	Species	Source
	Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu and iso-Pr) esters, zinc salts	< 1000		REACh Dossier
74499-35-7	phenol, (tetrapropenyl) derivatives	289 - 1601		Pre-supplier/manufacturer

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No information available.

Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

List of Wastes Code - residues/unused products

Print date: 04.03.2024



Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC SUPERTRAC SAE 10W-30 (STOU)

Revision date: 06.04.2023 Product code: 20027 Page 10 of 13

130205 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN

CHAPTERS 05, 12 AND 19); waste engine, gear and lubricating oils; mineral-based non-chlorinated

engine, gear and lubricating oils; hazardous waste

List of Wastes Code - used product

130205 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN

CHAPTERS 05, 12 AND 19); waste engine, gear and lubricating oils; mineral-based non-chlorinated

engine, gear and lubricating oils; hazardous waste

Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the

substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:No dangerous good in sense of this transport regulation.14.2. UN proper shipping name:No dangerous good in sense of this transport regulation.14.3. Transport hazard class(es):No dangerous good in sense of this transport regulation.14.4. Packing group:No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number or ID number:No dangerous good in sense of this transport regulation.14.2. UN proper shipping name:No dangerous good in sense of this transport regulation.14.3. Transport hazard class(es):No dangerous good in sense of this transport regulation.14.4. Packing group:No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number or ID number:No dangerous good in sense of this transport regulation.14.2. UN proper shipping name:No dangerous good in sense of this transport regulation.14.3. Transport hazard class(es):No dangerous good in sense of this transport regulation.14.4. Packing group:No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number:No dangerous good in sense of this transport regulation.14.2. UN proper shipping name:No dangerous good in sense of this transport regulation.14.3. Transport hazard class(es):No dangerous good in sense of this transport regulation.14.4. Packing group:No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

14.7. Maritime transport in bulk according to IMO instruments

No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information

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

EU regulatory information

Authorisations (REACH, annex XIV):

Substances of very high concern, SVHC (REACH, article 59):

phenol, (tetrapropenyl) derivatives

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 30, Entry 75

Information according to Directive

Not subject to 2012/18/EU (SEVESO III)

2012/18/EU (SEVESO III):



according to Regulation (EC) No 1907/2006

HIGHTEC SUPERTRAC SAE 10W-30 (STOU)

Revision date: 06.04.2023 Product code: 20027 Page 11 of 13

National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile

work protection guideline' (94/33/EC).

Water hazard class (D): 1 - slightly hazardous to water

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 9,12,16.



according to Regulation (EC) No 1907/2006

HIGHTEC SUPERTRAC SAE 10W-30 (STOU)

Revision date: 06.04.2023 Product code: 20027 Page 12 of 13

Abbreviations and acronyms

Asp. Tox: Aspiration hazard Skin Corr: Skin corrosion Skin Irrit: Skin irritation Eye Dam: Eye damage Repr: Reproductive toxicity

Aquatic Acute: Acute aquatic hazard Aquatic Chronic: Chronic aquatic hazard

ADR: Accord européen sur le transport des marchandises dangereuses par Route

(European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

CLP: Classification, labelling and Packaging

REACH: Registration, Evaluation and Authorization of Chemicals

GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals

UN: United Nations

DNEL: Derived No Effect Level
DMEL: Derived Minimal Effect Level
PNEC: Predicted No Effect Concentration

ATE: Acute toxicity estimate LL50: Lethal loading, 50% EL50: Effect loading, 50%

EC50: Effective Concentration 50%

ErC50: Effective Concentration 50%, growth rate NOEC: No Observed Effect Concentration

BCF: Bio-concentration factor

PBT: persistent, bioaccumulative, toxic vPvB: very persistent, very bioaccumulative

RID: Regulations concerning the international carriage of dangerous goods by rail

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)

EmS: Emergency Schedules MFAG: Medical First Aid Guide

ICAO: International Civil Aviation Organization

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

IBC: Intermediate Bulk Container SVHC: Substance of Very High Concern

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

Classification for mixtures and used evaluation method according to Regulation (EC) No 1272/2008 [CLP]

Classification	Classification procedure
Aquatic Chronic 3; H412	Calculation method

Relevant H and EUH statements (number and full text)

H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.

H318 Causes serious eye damage.



according to Regulation (EC) No 1907/2006

Revision date: 06.04.2023 Product code: 20027 Page 13 of 13

H360F May damage fertility.
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.

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations. The above data are intended to describe our product in terms of any safety requirements to be observed. They reflect the state of our current knowledge and experience and shall not be construed as warranted characteristics. Any warranty for accuracy and completeness shall be expressly excluded.

(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)