

**Safety Data Sheet**

according to UK REACH Regulation

**ADDINOL Addilith EP 0**

Revision date: 10.03.2022

Product code: 717243

Page 1 of 13

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

ADDINOL Addilith EP 0

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

Lubricant and additive.

**1.3. Details of the supplier of the safety data sheet****Manufacturer**

Company name:	ADDINOL Lube Oil GmbH	
	Gebäude 4609	
Street:	Am Haupttor	
Place:	D-06237 Leuna	
Telephone:	+49 (0) 3461 845-0	Telefax: +49 (0) 3461 845-555
e-mail:	info@addinol.de	
Contact person:	Application Technology	
Internet:	www.addinol.de	
Responsible Department:	ADDINOL Application Technology	

**Supplier**

Company name:	Specialised Products (Western) Limited	
Street:	76 Cobham Road, Ferndown Industrial Estate	
Place:	GB-BH21 7RN Wimborne, Dorset	
Telephone:	+44 1202 891393	Telefax: +44 1202 876908
e-mail:	sales@specialisedproducts.co.uk	
Internet:	http://specialisedproducts.co.uk	
<b>1.4. Emergency telephone number:</b> +44 1202 891393 - This number is serviced during office hours.		

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****GB CLP Regulation**

Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

**2.2. Label elements****GB CLP Regulation****Hazard statements**

H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements**P273 Avoid release to the environment.  
P501 Dispose of contents/container to an appropriate recycling or disposal facility.**Special labelling of certain mixtures**

EUH208 Contains Zinc naphthenate, Naphthenic acids. May produce an allergic reaction.

**Additional advice on labelling**

According to EC directives or the corresponding national regulations the product does not have to be labelled.

**2.3. Other hazards**

**Safety Data Sheet**

according to UK REACH Regulation

**ADDINOL Addilith EP 0**

Revision date: 10.03.2022

Product code: 717243

Page 2 of 13

No risks worthy of mention.

If handled with proper care and at intended use, the product does not cause any harmful effects acc. to our experiences and available information.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Chemical characterization**

Lithium saponified mineral oil based grease with EP additives.

**Hazardous components**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
12001-85-3	Zinc naphthenate			<1 %
	234-409-2			
	Eye Irrit. 2, Skin Sens. 1B, Aquatic Chronic 2; H319 H317 H411			
128-37-0	2,6-Di-tert-butyl-4-methylphenol			<1 %
	204-881-4		01-2119480433-40	
	Aquatic Acute 1, Aquatic Chronic 1; H400 H410			
1338-24-5	Naphthenic acids			0.5 - < 1 %
	215-662-8		01-2119552477-31	
	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1; H315 H319 H317			

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		
12001-85-3	234-409-2	Zinc naphthenate	<1 %
	oral: LD50 = > 2000 mg/kg		
128-37-0	204-881-4	2,6-Di-tert-butyl-4-methylphenol	<1 %
	dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 6000 mg/kg		
1338-24-5	215-662-8	Naphthenic acids	0.5 - < 1 %
	dermal: LD50 = > 20000 mg/kg		

**Further Information**

DMSO-Extrakt &lt; 3 %, IP 346.

Classification system: The classification corresponds to the current EC lists and is completed by information from specialist literature and company information.

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

Self-protection of the first aider. Change contaminated clothing. Do not put any product-impregnated cleaning rags into your trouser pockets.

**After inhalation**

Provide fresh air. In case of persistent complaints seek medical advice.

**After contact with skin**

After contact with skin, wash immediately with plenty of water and soap. Use skin protection ointment after

# Safety Data Sheet

according to UK REACH Regulation

## ADDINOL Addilith EP 0

Revision date: 10.03.2022

Product code: 717243

Page 3 of 13

cleaning.

### After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

### After ingestion

Do NOT induce vomiting.

Rinse mouth thoroughly with water. Call a physician immediately.

### 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

First Aid, decontamination, treatment of symptoms.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Carbon dioxide (CO<sub>2</sub>). Extinguishing powder. Sand. alcohol resistant foam.

#### Unsuitable extinguishing media

Water.

### 5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated: Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Nitrogen oxides (NO<sub>x</sub>). Sulfur oxides. carbon black.

### 5.3. Advice for firefighters

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

#### Additional information

Co-ordinate fire-fighting measures to the fire surroundings. Use water spray/stream to protect personnel and to cool endangered containers. In case of fire and/or explosion do not breathe fumes. Contaminated fire-fighting water must be collected separately. Do not allow to enter into surface water or drains.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### General advice

High slip hazard because of leaking or spilled product. Avoid contact with skin, eye and clothing.

### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

### 6.3. Methods and material for containment and cleaning up

#### Other information

Take up mechanically. Dispose of waste according to applicable legislation. 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

Section 12: Ecological Information (non-mandatory)

Disposal: see section 13

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Avoid contact with skin, eyes and clothes.

**Safety Data Sheet**

according to UK REACH Regulation

**ADDINOL Addilith EP 0**

Revision date: 10.03.2022

Product code: 717243

Page 4 of 13

**Advice on protection against fire and explosion**

Keep away from sources of ignition - No smoking.

**Advice on general occupational hygiene**

Wash hands before breaks and after work. Take off immediately all contaminated clothing. Wash contaminated clothing prior to re-use. Do not eat, drink, smoke or sneeze at the workplace.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep the packing dry and well sealed to prevent contamination and absorption of humidity. Keep container tightly closed in a cool place. Keep/Store only in original container.

**Hints on joint storage**

Keep away from food, drink and animal feedingstuffs.

Keep away from: Oxidizing agents.

**Further information on storage conditions**

Protect against: UV-radiation/sunlight. frost. heat.

Recommended storage temperature: 5 - 40°C

**7.3. Specific end use(s)**

Further information: see technical data sheet.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
128-37-0	2,6-Di-tert-butyl-p-cresol	-	10		TWA (8 h)	WEL

**Safety Data Sheet**

according to UK REACH Regulation

**ADDINOL Addilith EP 0**

Revision date: 10.03.2022

Product code: 717243

Page 5 of 13

**DNEL/DMEL values**

CAS No	Substance		
DNEL type	Exposure route	Effect	Value
12001-85-3	Zinc naphthenate		
Worker DNEL, long-term	inhalation	systemic	1,18 mg/m <sup>3</sup>
Worker DNEL, long-term	dermal	systemic	3,3 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	0,29 mg/m <sup>3</sup>
Consumer DNEL, long-term	dermal	systemic	1,7 mg/kg bw/day
128-37-0	2,6-Di-tert-butyl-4-methylphenol		
Consumer DNEL, long-term	inhalation	systemic	0,435 mg/m <sup>3</sup>
Consumer DNEL, long-term	dermal	systemic	0,25 mg/kg bw/day
Consumer DNEL, long-term	oral	systemic	0,25 mg/kg bw/day
Worker DNEL, long-term	dermal	systemic	0,5 mg/kg bw/day
Worker DNEL, long-term	inhalation	systemic	1,76 mg/m <sup>3</sup>
1338-24-5	Naphthenic acids		
Worker DNEL, long-term	inhalation	systemic	21,3 mg/m <sup>3</sup>
Worker DNEL, long-term	dermal	systemic	15,1 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	5,25 mg/m <sup>3</sup>
Consumer DNEL, long-term	dermal	systemic	7,55 mg/kg bw/day
Consumer DNEL, long-term	oral	systemic	1,51 mg/kg bw/day

**Safety Data Sheet**

according to UK REACH Regulation

**ADDINOL Addilith EP 0**

Revision date: 10.03.2022

Product code: 717243

Page 6 of 13

**PNEC values**

CAS No	Substance	Value
Environmental compartment		
12001-85-3	Zinc naphthenate	
Freshwater		0,004 mg/l
Freshwater (intermittent releases)		0,04 mg/l
Marine water		0 mg/l
Freshwater sediment		0,015 mg/kg
Marine sediment		0,002 mg/kg
Micro-organisms in sewage treatment plants (STP)		0,6897 mg/l
Soil		0,001 mg/kg
128-37-0	2,6-Di-tert-butyl-4-methylphenol	
Freshwater		0,000199 mg/l
Freshwater (intermittent releases)		0,00199 mg/l
Marine water		0,00002 mg/l
Freshwater sediment		0,458 mg/kg
Marine sediment		0,046 mg/kg
Secondary poisoning		16,67 mg/kg
Micro-organisms in sewage treatment plants (STP)		0,017 mg/l
Soil		0,054 mg/kg
1338-24-5	Naphthenic acids	
Freshwater		0,00562 mg/l
Freshwater (intermittent releases)		0,0562 mg/l
Marine water		0,000562 mg/l
Freshwater sediment		28,2 mg/kg
Marine sediment		2,82 mg/kg
Micro-organisms in sewage treatment plants (STP)		0,13 mg/l
Soil		5,61 mg/kg

**Additional advice on limit values**

The product does not contain any relevant quantities of substances with legally established exposure limitation.

**8.2. Exposure controls****Individual protection measures, such as personal protective equipment****Eye/face protection**

Tightly sealed safety glasses. German Industry Norms (DIN) / European Norms (EN): EN 166

**Hand protection**

Tested protective gloves are to be worn: German Industry Norms (DIN) / European Norms (EN): EN ISO 374

Duration of wearing with permanent contact: 480 min

Suitable material: NBR (Nitrile rubber).

Thickness of glove material: 0.4 mm.

**Safety Data Sheet**

according to UK REACH Regulation

**ADDINOL Addilith EP 0**

Revision date: 10.03.2022

Product code: 717243

Page 7 of 13

Wearing time with occasional contact (splashes): 30 min

Suitable material: NBR (Nitrile rubber).

Thickness of glove material: 0.2 mm

Protect skin by using skin protective cream.

**Skin protection**

Wear suitable protective clothing. Change contaminated clothing. Do not put any product-impregnated cleaning rags into your trouser pockets.

**Respiratory protection**

With correct and proper use, and under normal conditions, breathing protection is not required.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state:	Paste
Colour:	light brown
Odour:	characteristic
Odour threshold:	not determined

**Test method****Changes in the physical state**

Melting point/freezing point:	> 170 °C
Boiling point or initial boiling point and boiling range:	No data available
Flash point:	> 200 °C DIN EN ISO 2592

**Flammability**

Solid/liquid:	No data available
Gas:	No data available

**Explosive properties**

evaluation: not Explosive.

Lower explosion limits:	No data available
Upper explosion limits:	No data available
Auto-ignition temperature:	No data available

**Self-ignition temperature**

Solid:	incapable of spontaneous heating.
Gas:	No data available

Decomposition temperature: No data available

pH-Value: not applicable

Viscosity / kinematic: 90 mm<sup>2</sup>/s DIN 51562 - Base oil  
(at 40 °C)

Water solubility: insoluble

**Solubility in other solvents**

No data available

Partition coefficient n-octanol/water: No data available

Vapour pressure: No data available

Density (at 20 °C): 0,93 g/cm<sup>3</sup> DIN 51757

Relative vapour density: No data available

**9.2. Other information**

**Safety Data Sheet**

according to UK REACH Regulation

**ADDINOL Addilith EP 0**

Revision date: 10.03.2022

Product code: 717243

Page 8 of 13

**Information with regard to physical hazard classes**

Oxidizing properties

No data available

**Other safety characteristics**

Evaporation rate:

No data available

**Further Information**

No data available

**SECTION 10: Stability and reactivity****10.1. Reactivity**

The product is stable under storage at normal ambient temperatures.

**10.2. Chemical stability**

The mixture is chemically stable under recommended conditions of storage, use and temperature.

**10.3. Possibility of hazardous reactions**

No known hazardous reactions.

**10.4. Conditions to avoid**

Refer to chapter 7 No further action is necessary.

Do not overheat to avoid decomposition by heat.

**10.5. Incompatible materials**

Oxidizing agents, strong.

**10.6. Hazardous decomposition products**In case of fire may be liberated: Carbon monoxide Carbon dioxide (CO<sub>2</sub>). Nitrogen oxides (NO<sub>x</sub>). Sulfur oxides. carbon black.**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in GB CLP Regulation****Acute toxicity**

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

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
12001-85-3	Zinc naphthenate				
	oral	LD50 > 2000 mg/kg	Rat	Study report (2018)	OECD Guideline 423
128-37-0	2,6-Di-tert-butyl-4-methylphenol				
	oral	LD50 > 6000 mg/kg	Rat	Study report (1989)	OECD Guideline 401
	dermal	LD50 > 2000 mg/kg	Rat	Study report (1988)	OECD Guideline 402
1338-24-5	Naphthenic acids				
	dermal	LD50 > 20000 mg/kg	Rabbit	Study report (1979)	other: CFR 16 1500.40

**Irritation and corrosivity**

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

**Sensitising effects**

Contains Zinc naphthenate, Naphthenic acids. May produce an allergic reaction.



**Safety Data Sheet**

according to UK REACH Regulation

**ADDINOL Addilith EP 0**

Revision date: 10.03.2022

Product code: 717243

Page 9 of 13

**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.

Prolonged/repetitive skin contact may cause skin defatting or dermatitis.

**Aspiration hazard**

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

**11.2. Information on other hazards****Endocrine disrupting properties**

not applicable

**Further information**

If handled with proper care and at intended use, the product does not cause any harmful effects acc. to our experiences and available information.

**SECTION 12: Ecological information****12.1. Toxicity**

Mixture not tested.

**Safety Data Sheet**

according to UK REACH Regulation

**ADDINOL Addilith EP 0**

Revision date: 10.03.2022

Product code: 717243

Page 10 of 13

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
12001-85-3	Zinc naphthenate					
	Acute fish toxicity	LL50 > 100 mg/l	96 h	Cyprinus carpio	REACH Registration Dossier	OECD Guideline 203
	Acute algae toxicity	ErC50 4 mg/l	72 h	Pseudokirchneriella subcapitata	REACH Registration Dossier	OECD Guideline 201
	Acute crustacea toxicity	EL50 35 mg/l	48 h	Daphnia magna	REACH Registration Dossier	OECD Guideline 202
	Acute bacteria toxicity	(EC50 5,2 mg/l)	3 h	activated sludge of a predominantly domestic sewage	Water research volume 17, nr10, 1363-136	OECD Guideline 209
128-37-0	2,6-Di-tert-butyl-4-methylphenol					
	Acute fish toxicity	LC50 0,199 mg/l	96 h	Oryzias latipes	REACH Registration Dossier	OECD Guideline 203
	Acute algae toxicity	ErC50 0,758 mg/l	96 h	Pseudokirchneriella subcapitata	REACH Registration Dossier	OECD Guideline 201
	Acute crustacea toxicity	EC50 0,48 mg/l	48 h	Daphnia magna	REACH Registration Dossier	OECD Guideline 202
	Fish toxicity	NOEC 0,053 mg/l	30 d	Oryzias latipes	REACH Registration Dossier	OECD Guideline 210
	Crustacea toxicity	NOEC 0,069 mg/l	21 d	Daphnia magna	REACH Registration Dossier	OECD Guideline 211
	Acute bacteria toxicity	(EC50 > 10000 mg/l)	3 h	Activated sludge	Study report (2000)	OECD Guideline 209
1338-24-5	Naphthenic acids					
	Acute algae toxicity	ErC50 ca. 41,3 mg/l	72 h	Pseudokirchneriella subcapitata	REACH Registration Dossier	OECD Guideline 201
	Acute crustacea toxicity	EC50 ca. 20 mg/l	48 h	Daphnia magna	REACH Registration Dossier	OECD Guideline 202
	Fish toxicity	NOEC 0,4 mg/l	7 d	Pimephales promelas	REACH Registration Dossier	other: OECD Guideline 229
	Crustacea toxicity	NOEC 4,1 mg/l	21 d	Daphnia magna	REACH Registration Dossier	OECD Guideline 211

**12.2. Persistence and degradability**

Not easily bio-degradable (according to OECD-criteria). Do not allow to enter into surface water or drains.

**12.3. Bioaccumulative potential**

No data available

**Safety Data Sheet**

according to UK REACH Regulation

**ADDINOL Addilith EP 0**

Revision date: 10.03.2022

Product code: 717243

Page 11 of 13

**Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
12001-85-3	Zinc naphthenate	0,8
128-37-0	2,6-Di-tert-butyl-4-methylphenol	5,03
1338-24-5	Naphthenic acids	> 2,05 - < 13,25

**BCF**

CAS No	Chemical name	BCF	Species	Source
12001-85-3	Zinc naphthenate	69,48	Capoeta fusca	Water Qual Expo Heal
128-37-0	2,6-Di-tert-butyl-4-methylphenol	465	Fish	REACH Registration D
1338-24-5	Naphthenic acids	ca. 2	Oncorhynchus mykiss	REACH Registration D

**12.4. Mobility in soil**

Due to its low solubility in water the product is almost completely mechanically separated in biological waste water treatment plants.

**12.5. Results of PBT and vPvB assessment**

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

**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 data available

**Further information**

Do not allow uncontrolled leakage of product into the environment.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations**

Must not be disposed of with domestic refuse. Do not allow to enter into surface water or drains.

**List of Wastes Code - residues/unused products**

120112 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS; wastes from shaping and physical and mechanical surface treatment of metals and plastics; spent waxes and fats; hazardous waste

**Contaminated packaging**

Contaminated packages must be completely emptied and can be re-used following proper cleaning. Dispose of waste according to applicable legislation. Packing which cannot be properly cleaned must be thrown away.

**SECTION 14: Transport information****Land transport (ADR/RID)**

- 14.1. UN number or ID number:** -  
**14.2. UN proper shipping name:** -  
**14.3. Transport hazard class(es):** -  
**14.4. Packing group:** -

**Inland waterways transport (ADN)**

- 14.1. UN number or ID number:** -  
**14.2. UN proper shipping name:** -  
**14.3. Transport hazard class(es):** -  
**14.4. Packing group:** -

**Marine transport (IMDG)**

**Safety Data Sheet**

according to UK REACH Regulation

**ADDINOL Addilith EP 0**

Revision date: 10.03.2022

Product code: 717243

Page 12 of 13

- 14.1. UN number or ID number:** -  
**14.2. UN proper shipping name:** -  
**14.3. Transport hazard class(es):** -  
**14.4. Packing group:** -

**Air transport (ICAO-TI/IATA-DGR)**

- 14.1. UN number or ID number:** -  
**14.2. UN proper shipping name:** -  
**14.3. Transport hazard class(es):** -  
**14.4. Packing group:** -

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**14.6. Special precautions for user**

Unless specified otherwise, general measures for safe transport must be followed.

**14.7. Maritime transport in bulk according to IMO instruments**

not applicable

**Other applicable information**

No dangerous good in sense of these transport regulations.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 75

**National regulatory information**

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): 1,2,5,7,9,12,16.

**Abbreviations and acronyms**

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

ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ASTM - American Society for the Testing of Materials; ATE - Acute Toxicity Estimates; bw - Body weight; CAO - Cargo Aircraft Only; CAS - Chemical Abstracts Service; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DNEL - Derived No-Effect Level; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); EG - European Union; EN - European standards; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISO - International Organisation for Standardization; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate;

**Safety Data Sheet**

according to UK REACH Regulation

**ADDINOL Addilith EP 0**

Revision date: 10.03.2022

Product code: 717243

Page 13 of 13

NTP - National Toxicology Program; OECD - Organization for Economic Co-operation and Development; PBT - Persistent, Bioaccumulative and Toxic substance; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulation concerning the International Carriage of Dangerous Goods by Rail; RQ - Reportable Quantity; SADT - Self- Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

**Classification for mixtures and used evaluation method according to GB CLP Regulation**

Classification	Classification procedure
Aquatic Chronic 3; H412	Calculation method

**Relevant H and EUH statements (number and full text)**

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
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.
EUH208	Contains Zinc naphthenate, Naphthenic acids. May produce an allergic reaction.

**Further Information**

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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