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

1.1. Product identifier

Wedox-Antislip AY 237 6A460, RAL 7012

Product group: Produkt

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

Use of the substance/mixture

topcoat pigmented

1.3. Details of the supplier of the safety data sheet

Company name:	Tenax Marine Paints Vertriebs GmbH
Street:	Sachsenring 1
Place:	D-27711 Osterholz-Scharmbeck
Telephone:	04795-95899 0
e-mail:	info@tmp-coatings.de
Contact person:	Sicherheitsdatenblattverwaltung
e-mail:	sdb@bergolin.de
Internet:	www.tmp-coatings.de

1.4. Emergency telephone number:

04795-95899-0

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Flam. Liq. 3; H226
Skin Irrit. 2; H315
Eye Irrit. 2; H319
STOT RE 2; H373
Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

2.2. Label elements

Regulation (EC) No 1272/2008

Hazard components for labelling

reaction mass of ethylbenzene and xylene

Signal word: Warning

Pictograms:

Hazard statements

H226	Flammable liquid and vapour.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H373	May cause damage to organs through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.

P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P403+P235	Store in a well-ventilated place. Keep cool.

Special labelling of certain mixtures

EUH208 Contains Cobalt bis (2-ethylhexanoate). May produce an allergic reaction.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Alkyd resin system

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
14808-60-7	Quartz (SiO2)			30 - < 35 %
	238-878-4			
	reaction mass of ethylbenzene and xylene			15 - < 20 %
	905-588-0		01-2119488216-32	
	Flam. Liq. 3, Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, STOT SE 3, STOT RE 2, Asp. Tox. 1, Aquatic Chronic 3; H226 H332 H312 H315 H319 H335 H373 H304 H412			
-	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics			1 - < 5 %
	918-481-9		01-2119457273-39	
	Asp. Tox. 1; H304 EUH066			
	Hydrocarbons, C9, aromatics			1 - < 5 %
	918-668-5		01-2119455851-35	
	Flam. Liq. 3, STOT SE 3, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H226 H335 H336 H304 H411 EUH066			
107-98-2	1-methoxy-2-propanol; monopropylene glycol methyl ether			1 - < 5 %
	203-539-1	603-064-00-3	01-2119457435-35	
	Flam. Liq. 3, STOT SE 3; H226 H336			
136-52-7	Cobalt bis (2-ethylhexanoate)			< 1 %
	205-250-6		01-2119524678-29	
	Repr. 2, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1; H361f H317 H400 H410			
149-57-5	2-ethylhexanoic acid			< 1 %
	205-743-6	607-230-00-6		
	Repr. 2; H361d			

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

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In all cases of doubt, or when symptoms persist, seek medical advice.

Never give anything by mouth to an unconscious person or a person with cramps.

If unconscious place in recovery position and seek medical advice.

After inhalation

Remove casualty to fresh air and keep warm and at rest.
In case of irregular breathing or respiratory arrest provide artificial respiration.

After contact with skin

Change contaminated clothing.
After contact with skin, wash immediately with plenty of water and soap.
Do not wash with: Solvent/Thinner. In case of skin reactions, consult a physician.

After contact with eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing. Seek medical advice immediately.

After ingestion

If swallowed, rinse mouth with water (only if the person is conscious).
Call a physician immediately.
Put victim at rest, cover with a blanket and keep warm.
Do NOT induce vomiting.

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

alcohol resistant foam. Carbon dioxide. Powder. Water fog.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Burning produces heavy smoke.
Hazardous decomposition products: Danger of serious damage to health by prolonged exposure.
Use appropriate respiratory protection.

5.3. Advice for firefighters

Use water spray jet to protect personnel and to cool endangered containers.
Do not allow water used to extinguish fire to enter drains or waterways.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Keep away from sources of ignition - No smoking. Ventilate affected area.
Avoid breathing dust/fume/gas/mist/vapours/spray.
See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

Prevent spread over a wide area (e.g. by containment or oil barriers). Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Collect in closed containers for disposal.
Clean with detergents. Avoid solvent cleaners.

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

In use, may form flammable/explosive vapour-air mixture.
Only use the material in places where open light, fire and other flammable sources can be kept away.
Use explosion-proof machinery, apparatus, ventilation facilities, tools etc. Provide earthing of containers, equipment, pumps and ventilation facilities. Use non-sparking tools.
Wear antistatic work clothing.

Avoid contact with skin, eyes and clothes. Avoid breathing dust/fume/gas/mist/vapours/spray. When using do not eat, drink or smoke. Wear personal protection equipment.

Never use pressure to empty container. Keep/Store only in original container.

Do not allow to enter into surface water or drains. Avoid release to the environment.

Advice on protection against fire and explosion

Vapours are heavier than air and will spread at floor level.
Vapours may form explosive mixtures with air.

7.2. Conditions for safe storage, including any incompatibilities

Hints on joint storage

Do not store together with: Oxidizing agents. Strong acid, strong alkalis

Further information on storage conditions

Notice the directions for use on the label.
Keep container tightly closed and in a well-ventilated place. Keep container dry.
Keep away from sources of ignition - No smoking. Protect against direct sunlight.
Access is only to be granted to authorised personal.
Always close containers tightly after the removal of product.

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

CAS No	Substance	ppm	mg/m³	fib/cm³	Category	Origin
107-98-2	1-Methoxypropan-2-ol	100	375		TWA (8 h)	
		150	568		STEL (15 min)	
7727-43-7	Barium sulphate, respirable dust	-	5		TWA (8 h)	
149-57-5	Ethyl hexanoic acid	-	4		TWA (8 h)	
14808-60-7	Quartz, respirable dust (crystalline silica)	-	0.1		TWA (8 h)	
13463-67-7	Titanium dioxide, total inhalable dust	-	10		TWA (8 h)	
1330-20-7	Xylene, mixed isomers	50	221		TWA (8 h)	
		100	442		STEL (15 min)	

DNEL/DMEL values

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
	reaction mass of ethylbenzene and xylene			
Consumer DNEL, long-term		inhalation	local	174 mg/m³
Consumer DNEL, long-term		inhalation	systemic	14,8 mg/m³
Consumer DNEL, acute		inhalation	systemic	174 mg/m³
Consumer DNEL, long-term		dermal	systemic	108 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	1,6 mg/kg bw/day
Worker DNEL, long-term		inhalation	local	289 mg/m³
Worker DNEL, long-term		inhalation	systemic	77 mg/m³
Worker DNEL, acute		inhalation	local	289 mg/m³
Worker DNEL, long-term		dermal	systemic	180 mg/kg bw/day
7727-43-7	barium sulfate			
Worker DNEL, long-term		inhalation	systemic	10 mg/m³
Worker DNEL, long-term		inhalation	local	10 mg/m³
Consumer DNEL, long-term		inhalation	systemic	10 mg/m³
Consumer DNEL, long-term		oral	systemic	13000 mg/kg bw/day
-	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics			
Consumer DNEL, long-term		oral	systemic	26 mg/kg bw/day
Worker DNEL, long-term		dermal	systemic	44 mg/kg bw/day
Consumer DNEL, long-term		dermal	systemic	26 mg/kg bw/day
Worker DNEL, acute		inhalation	local	570 mg/m³
Consumer DNEL, acute		inhalation	local	570 mg/m³
Worker DNEL, long-term		inhalation	systemic	330 mg/m³
Consumer DNEL, long-term		inhalation	systemic	71 mg/m³
	Hydrocarbons, C9, aromatics			
Worker DNEL, long-term		dermal	systemic	25 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	150 mg/m³
Consumer DNEL, long-term		oral	systemic	11 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	32 mg/m³
107-98-2	1-methoxy-2-propanol; monopropylene glycol methyl ether			
Worker DNEL, acute		inhalation	local	553,5 mg/m³
Worker DNEL, long-term		dermal	systemic	50,6 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	369 mg/m³
Consumer DNEL, long-term		dermal	systemic	18,1 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	43,9 mg/m³
Consumer DNEL, long-term		oral	systemic	3,3 mg/kg bw/day
13463-67-7	Titanium dioxide			
Worker DNEL, long-term		inhalation	local	10 mg/m³
Consumer DNEL, long-term		oral	systemic	700 mg/kg bw/day

PNEC values

CAS No	Substance	
Environmental compartment		Value
	reaction mass of ethylbenzene and xylene	
Freshwater		0,327 mg/l
Freshwater (intermittent releases)		0,327 mg/l
Marine water		0,327 mg/l
Freshwater sediment		12,46 mg/kg
Marine sediment		12,46 mg/kg
Micro-organisms in sewage treatment plants (STP)		6,58 mg/l
Soil		2,31 mg/kg
7727-43-7	barium sulfate	
Freshwater		0,115 mg/l
Freshwater sediment		600,4 mg/kg
Soil		207,7 mg/kg
107-98-2	1-methoxy-2-propanol; monopropylene glycol methyl ether	
Freshwater		10 mg/l
Freshwater (intermittent releases)		100 mg/l
Marine water		1 mg/l
Freshwater sediment		41,6 mg/kg
Marine sediment		4,17 mg/kg
Micro-organisms in sewage treatment plants (STP)		100 mg/l
Soil		2,47 mg/kg
13463-67-7	Titanium dioxide	
Freshwater		0,184 mg/l
Freshwater (intermittent releases)		0,193 mg/l
Marine water		0,0184 mg/l
Freshwater sediment		100 mg/kg
Marine sediment		100 mg/kg
Micro-organisms in sewage treatment plants (STP)		100 mg/l
Soil		100 mg/kg
136-52-7	Cobalt bis (2-ethylhexanoate)	
Freshwater		0,0006 mg/l
Marine water		0,00236 mg/l
Freshwater sediment		9,5 mg/kg
Marine sediment		9,5 mg/kg
Soil		10,9 mg/kg

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation.

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Protective and hygiene measures

Use only in well-ventilated areas.
When using do not eat, drink, smoke, sniff.
Take off contaminated clothing and wash it before reuse.
Wash hands and face before breaks and after work and take a shower if necessary.

Eye/face protection

Wear eye/face protection.

Hand protection

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. @0802.B08053, Breakthrough times and swelling properties of the material must be taken into consideration.
Suitable material: EN ISO 374
rubair búitileach nó Viton (is gá go mbeadh resistance ar an ábhar agus See information supplied by the manufacturer.)
In case of prolonged or frequently repeated skin contact:
penetration time (maximum wearing period):>480 min

Protective gloves have to be replaced at the first sign of deterioration.
Protect skin by using skin protective cream.

Skin protection

Wear antistatic work clothing. (Natural fibres (e.g. cotton)/ heat-resistant synthetic fibres)

Respiratory protection

Respiratory protection necessary at: exceeding exposure limit values. Use appropriate respiratory protection.

Environmental exposure controls

Do not allow to enter into surface water or drains.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	grey
Odour:	characteristic

		Test method
Changes in the physical state		
Boiling point or initial boiling point and boiling range:	136 °C	
Flash point:	25 °C	DIN 53213
Lower explosion limits:	0,7 vol. %	
Upper explosion limits:	7,8 vol. %	
Auto-ignition temperature:	297 °C	
Vapour pressure: (at 20 °C)	24 hPa	
Vapour pressure: (at 50 °C)	47 hPa	
Density (at 20 °C):	1,55 g/cm³	DIN 53217
Flow time: (at 20 °C)	> 100	6 DIN EN ISO 2431
Solvent separation test:	<3 % (ADR/RID)	

Solvent content:	22,53 %

9.2. Other information

Solid content:	77,47 %

SECTION 10: Stability and reactivity

10.3. Possibility of hazardous reactions

Exothermic reactions with: Oxidizing agents. Strong acid, strong alkalis

10.4. Conditions to avoid

In case of warming: Thermal decomposition.

10.6. Hazardous decomposition products

Carbon monoxide Carbon dioxide. Nitrogen oxides (NOx).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
	reaction mass of ethylbenzene and xylene				
	oral	LD50 4300 mg/kg	Rat		
	dermal	LD50 >4200 mg/kg	Rabbit		
	inhalation (4 h) vapour	LC50 6350 mg/l	Rat		
	inhalation (4 h) dust/mist	LC50 >1 mg/l			
-	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics				
	oral	LD50 >2000 mg/kg	Ratte		
	dermal	LD50 3160 mg/kg			
	Hydrocarbons, C9, aromatics				
	oral	LD50 >2000 mg/kg	Ratte		
	dermal	LD50 >2000 mg/kg	Kaninchen		
107-98-2	1-methoxy-2-propanol; monopropylene glycol methyl ether				
	oral	LD50 5200 mg/kg	Ratte		
	dermal	LD50 14000 mg/kg	Kaninchen		
	inhalation (4 h) vapour	LC50 54,6 mg/l	Ratte		
136-52-7	Cobalt bis (2-ethylhexanoate)				
	oral	LD50 3129 mg/kg	Ratte		
	dermal	LD50 >2000 mg/kg	Ratte		
149-57-5	2-ethylhexanoic acid				
	oral	LD50 3000 mg/kg	Rat		
	dermal	LD50 > 2000 mg/kg	Rabbit		

Practical experience

Observations relevant to classification

Following inhalation:
May cause respiratory irritation. Potential hazards: Liver and kidney damage. Depression of the central nervous system. Symptoms: Headache. Dizziness. Causes drowsiness or dizziness. unconsciousness.

After skin contact:
The product is skin resorptive. Prolonged/repetitive skin contact may cause skin defattening or dermatitis.

Following eye contact:
Irritating to eyes. (reversible.)

after ingestion:

Nausea. vomiting. gastro-intestinal ailment.

Further information

There are no data available on the preparation/mixture itself.
The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

SECTION 12: Ecological information

12.1. Toxicity

CAS No	Chemical name						
	Aquatic toxicity	Dose		[h] | [d]	Species	Source	Method
	reaction mass of ethylbenzene and xylene						
	Acute fish toxicity	LC50 mg/l	>1-10	96 h	Oncorhynchus mykiss (Rainbow trout) Ceriodaphnia spec		
	Acute algae toxicity	ErC50	4,9 mg/l	72 h	Pseudokirchneriella subcapitata		
	Acute crustacea toxicity	EC50 mg/l	>3,4	48 h	Ceriodaphnia spec		
	Fish toxicity	NOEC	1,3 mg/l	56 d	Oncorhynchus mykiss (Rainbow trout)		
	Crustacea toxicity	NOEC mg/l	1,57	21 d	Daphnia magna (Big water flea)		
-	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics						
	Acute fish toxicity	LC50 mg/l	10-100	96 h	Oncorhynchus mykiss (Rainbow trout)		
	Acute algae toxicity	ErC50 mg/l	10-100	72 h			
	Acute crustacea toxicity	EC50 mg/l	100-220	48 h	Daphnia magna (Big water flea)		
	Fish toxicity	NOEC mg/l	0,091	28 d			
	Hydrocarbons, C9, aromatics						
	Acute fish toxicity	LL50	9,2 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)		
	Acute crustacea toxicity	EL50	3,2 mg/l	48 h	Daphnia magna (Big water flea)		
107-98-2	1-methoxy-2-propanol; monopropylene glycol methyl ether						
	Acute fish toxicity	LC50 mg/l	>4600	96 h	Leuciscus idus		
	Acute algae toxicity	ErC50 mg/l	>1000	96 h			
	Acute crustacea toxicity	EC50 mg/l	23300	48 h	Daphnia magna		
149-57-5	2-ethylhexanoic acid						
	Acute fish toxicity	LC50 mg/l	> 250	96 h	Leuciscus idus		
	Acute algae toxicity	ErC50	61 mg/l	72 h			
	Acute crustacea toxicity	EC50 mg/l	85,4	48 h	Daphnia magna		

12.2. Persistence and degradability

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
107-98-2	1-methoxy-2-propanol; monopropylene glycol methyl ether			
	OECD 301E	96%	28	
	Readily biodegradable (according to OECD criteria).			
136-52-7	Cobalt bis (2-ethylhexanoate)			
	OECD Guideline 301 B	60%	10	
	readily biodegrable			

12.3. Bioaccumulative potential

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
	reaction mass of ethylbenzene and xylene	3,16
107-98-2	1-methoxy-2-propanol; monopropylene glycol methyl ether	0,37
149-57-5	2-ethylhexanoic acid	2,7

BCF

CAS No	Chemical name	BCF	Species	Source
	reaction mass of ethylbenzene and xylene	25,9		
107-98-2	1-methoxy-2-propanol; monopropylene glycol methyl ether	<100		

12.4. Mobility in soil

No information available.

12.6. Other adverse effects

No information available.

Further information

There are no data available on the preparation/mixture itself.
Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Do not allow to enter into surface water or drains.
Remove according to the regulations.
The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

List of Wastes Code - residues/unused products

080111 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish containing organic solvents or other hazardous substances; hazardous waste

Contaminated packaging

Completely emptied packages can be recycled.
Remove according to the regulations.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number: UN 1263

14.2. UN proper shipping name: Paint

14.3. Transport hazard class(es): 3

14.4. Packing group: III

Hazard label: 3

Classification code: F1
Special Provisions: 163 640E 650
Limited quantity: 5 L
Transport category: 3
Hazard No: 30
Tunnel restriction code: D/E

Other applicable information (land transport)

E1

Marine transport (IMDG)

14.1. UN number: UN 1263

14.2. UN proper shipping name: Paint

14.3. Transport hazard class(es): 3

14.4. Packing group: III

Hazard label: 3

Special Provisions: 163, 223, 955
Limited quantity: 5 L
EmS: F-E, S-E

Other applicable information (marine transport)

E1

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number: UN 1263

14.2. UN proper shipping name: Paint

14.3. Transport hazard class(es): 3

14.4. Packing group: III

Hazard label: 3

Special Provisions: A3 A72
Limited quantity Passenger: 10 L
IATA-packing instructions - Passenger: 355
IATA-max. quantity - Passenger: 60 L
IATA-packing instructions - Cargo: 366
IATA-max. quantity - Cargo: 220 L

Other applicable information (air transport)

E1
: Y344

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

Other applicable information

IMDG Code
Viskose Stoffe in Verpackung bis zu 30 Liter: Transport in accordance with the provisions of paragraph 2.3.2.5 of the IMDG Code

ADR/RID
Viskose Stoffe in Verpackung bis zu 450 Liter: Kein Gut der Klasse 3 gemäß ADR/RID Kapitel 2.2.3.1.5
Bei Gebinden > 450 l Klasse 3

ICAO/IATA
Viskose Stoffe: Die Viskositätsklausel gilt nicht für den Luftverkehr.

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 3, Entry 28, Entry 40, Entry 75

2010/75/EU (VOC):	22,381 % (346,906 g/l)
2004/42/EC (VOC):	22,531 % (349,231 g/l)
Information according to 2012/18/EU (SEVESO III):	P5c FLAMMABLE LIQUIDS

National regulatory information

Employment restrictions:	Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.
Water hazard class (D):	3 - highly hazardous to water

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 2,15.

Abbreviations and acronyms

ADR - Accord européen relatif transport des merchandises dangereuses par route ATE - Acute Toxicity Estimate / Schätzwert akuter Toxizität; BCF - Biokonzentrationsfaktor (Bio-Concentration Factor); CAS - Chemical Abstracts Service; CLP - Regulation on Classification, Labelling and Packaging of Substances and Mixtures; CMR - Carcinogenität, Mutagenität, Reproduktionstoxizität; ECHA - European Chemicals Agency / Europäische Chemikalienagentur (in Helsinki); EC50 - Effective Concentration 50%; ErC50 - Average specific growth rate; EINECS - European Inventory of Existing Commercial Chemical Substances; DNEL - „Derived No-Effect Level“; IATA - International Air Transport Association; IMDG - International Maritime Dangerous Goods Code; LC50 - Lethal Concentration 50%; LD50 - Lethal dose 50%; NOAEC/L - No Observed Adverse Effect Concentration / Level; NOEC - No Observed Effect Concentration; OECD - Organization for Economic Cooperation and Development; PBT - Persistent, Bioaccumulative, Toxic (persistent, bioakkumulativ, toxisch); PNEC - Predicted No Effect Concentration; REACH - Registration, Evaluation and Authorization of Chemicals; RID - Règlement International concernant le transport de marchandises dangereuses par chemin de fer; SCL - Specific Concentration Level; STOT - Specific Target Organ Toxicity; SVHC - Stoff sehr hoher Besorgnis (Substance of Very High Concern); VOC - Volatile Organic Compounds; WGK - Wassergefährdungsklasse

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

Classification	Classification procedure
Flam. Liq. 3; H226	On basis of test data
Skin Irrit. 2; H315	Calculation method
Eye Irrit. 2; H319	Calculation method
STOT RE 2; H373	Calculation method
Aquatic Chronic 3; H412	Calculation method

Relevant H and EUH statements (number and full text)

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H361d	Suspected of damaging the unborn child.
H361f	Suspected of damaging fertility.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.
EUH208	Contains Cobalt bis (2-ethylhexanoate). May produce an allergic reaction.

Further Information

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