

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Kisling - 2453

Revision date: 21.03.2025

Product code: 2453

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

### 1.1. Product identifier

Kisling - 2453

UFI: 6860-902G-7002-C6RC

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

#### Use of the substance/mixture

Adhesives and sealants

#### Uses advised against

No information available.

### 1.3. Details of the supplier of the safety data sheet

#### Manufacturer

Company name:	Kisling AG	
Street:	Motorenstrasse 102	
Place:	CH-8620 Wetzikon	
Telephone:	+41 58 272 0 272	
E-mail:	customerservice@kisling.com	
Contact person:	Product Compliance	Telephone: +49 7940 5096 143
E-mail:	compliance@kisling.com	
Internet:	www.kisling.com	

#### Supplier

Company name:	Kisling (Deutschland) GmbH	
Street:	Salzstraße 15	
Place:	D-74676 Niedernhall	
Telephone:	+49 7940 50961 61	
E-mail:	customerservice@kisling.com	
Contact person:	Product Compliance	Telephone: +49 7940 5096 143
E-mail:	compliance@kisling.com	
Internet:	www.kisling.com	

**1.4. Emergency telephone number:** 24 hr. emergency phone number +1 872 5888271 (KAR)  
Medicines & Poisons Info Office +356 2545 6508

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Regulation (EC) No 1272/2008

Skin Irrit. 2; H315  
Eye Dam. 1; H318  
Skin Sens. 1; H317  
STOT SE 3; H335  
Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

### 2.2. Label elements

#### Regulation (EC) No 1272/2008

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#### Hazard components for labelling

Methacrylic acid, monoester with propane-1,2-diol  
acrylic acid; prop-2-enoic acid  
cumene hydroperoxide  
[3-(2,3-epoxypropoxy)propyl]trimethoxysilane  
Ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate  
phenyl bis(2,4,6-trimethylbenzoyl)phosphine oxide

**Signal word:** Danger

**Pictograms:**



#### Hazard statements

H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H335 May cause respiratory irritation.  
H412 Harmful to aquatic life with long lasting effects.

#### Precautionary statements

P261 Avoid breathing Vapour.  
P280 Wear protective gloves and eye protection/face 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.  
P310 Immediately call a POISON CENTER/doctor.  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P362+P364 Take off contaminated clothing and wash it before reuse.

#### Labelling of packages where the contents do not exceed 125 ml

**Signal word:** Danger

**Pictograms:**



#### Hazard statements

H317-H318-H412

#### Precautionary statements

P261-P280-P305+P351+P338-P310-P333+P313-P362+P364

#### 2.3. Other hazards

No data available

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Chemical characterization

Mixture of substances listed below with nonhazardous components.

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#### Relevant ingredients

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
27813-02-1	Methacrylic acid, monoester with propane-1,2-diol			30 - < 50 %
	248-666-3			
	Eye Irrit. 2, Skin Sens. 1; H319 H317			
79-10-7	acrylic acid; prop-2-enoic acid			1 - < 5 %
	201-177-9	607-061-00-8		
	Flam. Liq. 3, Acute Tox. 4, Acute Tox. 4, Acute Tox. 4, Skin Corr. 1A, Eye Dam. 1, STOT SE 3, Aquatic Acute 1, Aquatic Chronic 2; H226 H332 H312 H302 H314 H318 H335 H400 H411			
80-15-9	cumene hydroperoxide			1 - < 5 %
	201-254-7	617-002-00-8		
	Org. Perox. E, Acute Tox. 3, Acute Tox. 4, Acute Tox. 4, Skin Corr. 1B, STOT RE 2, Aquatic Chronic 2; H242 H331 H312 H302 H314 H373 H411			
114-83-0	2-phenylacetohydrazide			0.1 - < 1 %
	204-055-3			
	Acute Tox. 3; H301			
84434-11-7	Ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate			0.1 - < 1 %
	282-810-6		01-2119987994-10	
	Skin Sens. 1B, Aquatic Chronic 2; H317 H411			
162881-26-7	phenyl bis(2,4,6-trimethylbenzoyl)phosphine oxide			0.1 - < 1 %
	423-340-5	015-189-00-5	01-2119489401-38	
	Skin Sens. 1A, Aquatic Chronic 4; H317 H413			

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	
27813-02-1	248-666-3	Methacrylic acid, monoester with propane-1,2-diol	30 - < 50 %
		dermal: LD50 = > 5000 mg/kg	
79-10-7	201-177-9	acrylic acid; prop-2-enoic acid	1 - < 5 %
		inhalation: ATE = 11 mg/l (vapours); inhalation: ATE = 1.5 mg/l (dusts or mists); dermal: ATE = 1100 mg/kg; oral: ATE = 500 mg/kg STOT SE 3; H335: >= 1 - 100	
80-15-9	201-254-7	cumene hydroperoxide	1 - < 5 %
		inhalation: ATE = 3 mg/l (vapours); inhalation: ATE = 0.5 mg/l (dusts or mists); dermal: ATE = 1100 mg/kg; oral: LD50 = 382 mg/kg Skin Corr. 1B; H314: >= 10 - 100 Skin Irrit. 2; H315: >= 3 - < 10 Eye Dam. 1; H318: >= 3 - < 10 Eye Irrit. 2; H319: >= 1 - < 3 STOT SE 3; H335: >= 1 - < 10	
114-83-0	204-055-3	2-phenylacetohydrazide	0.1 - < 1 %
		oral: LD50 = 270 mg/kg	
84434-11-7	282-810-6	Ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate	0.1 - < 1 %
		dermal: LD50 = >= 2000 mg/kg; oral: LD50 = > 5000 mg/kg	
162881-26-7	423-340-5	phenyl bis(2,4,6-trimethylbenzoyl)phosphine oxide	0.1 - < 1 %
		dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 2000 mg/kg	

#### SECTION 4: First aid measures

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#### 4.1. Description of first aid measures

##### General information

No special measures are necessary.

##### After inhalation

Provide fresh air.

##### After contact with skin

Gently wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

##### After ingestion

Do NOT induce vomiting. Rinse mouth thoroughly with water. IF SWALLOWED: Immediately call a doctor.

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

Irritant — skin irritation and eye damage

May cause respiratory irritation. Dyspnoea.

#### 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

alcohol resistant foam, Carbon dioxide (CO<sub>2</sub>), Dry extinguishing powder

##### Unsuitable extinguishing media

Full water jet.

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

Hazardous combustion products, Flammable vapours can accumulate in steam space of closed systems.

#### 5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

##### Additional information

Co-ordinate fire-fighting measures to the fire surroundings. Use water spray jet to protect personnel and to cool endangered containers. Evacuate area.

### SECTION 6: Accidental release measures

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

##### General advice

Use personal protection equipment. See protective measures under point 7 and 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

Prevent spread over a wide area (e.g. by containment or oil barriers). Retain contaminated washing water and dispose it. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

##### For cleaning up

Soak up inert absorbent and dispose as waste requiring special attention.

#### 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

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#### 7.1. Precautions for safe handling

##### **Advice on safe handling**

Use only in well-ventilated areas. Keep away from sources of ignition - No smoking.

Avoid contact with skin, eyes and clothes. People who suffer from skin sensitization problems, asthma, allergies, chronic or recurring respiratory illnesses should not be deployed in any process using this mixture.

##### **Advice on general occupational hygiene**

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat, drink, smoke, sniff.

##### **Further information on handling**

Keep only in the original container in a cool, well-ventilated place.

Never use pressure to empty container. Do not allow to enter into surface water or drains.

#### 7.2. Conditions for safe storage, including any incompatibilities

##### **Requirements for storage rooms and vessels**

Keep container tightly closed and in a well-ventilated place.

##### **Hints on joint storage**

No special measures are necessary.

##### **Further information on storage conditions**

No special measures are necessary.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### **Occupational exposure limit values**

CAS No	Name of agent	ppm	mg/m <sup>3</sup>	fib/cm <sup>3</sup>	Category	Origin
79-10-7	Acrylic acid; Prop-2-enoic acid	10	29		TWA (8 h)	
		20	59		STEL (1 min)	

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#### DNEL/DMEL values

CAS No	Name of agent	Exposure route	Effect	Value
27813-02-1	Methacrylic acid, monoester with propane-1,2-diol			
Worker DNEL, long-term		inhalation	systemic	14,7 mg/m <sup>3</sup>
Worker DNEL, long-term		dermal	systemic	4,2 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	4,35 mg/m <sup>3</sup>
Consumer DNEL, long-term		dermal	systemic	2,5 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	2,5 mg/kg bw/day
79-10-7	acrylic acid; prop-2-enoic acid			
Worker DNEL, long-term		inhalation	systemic	30 mg/m <sup>3</sup>
Worker DNEL, acute		inhalation	systemic	30 mg/m <sup>3</sup>
Worker DNEL, long-term		inhalation	local	30 mg/m <sup>3</sup>
Worker DNEL, acute		inhalation	local	30 mg/m <sup>3</sup>
Consumer DNEL, long-term		inhalation	systemic	3,6 mg/m <sup>3</sup>
Consumer DNEL, acute		inhalation	systemic	3,6 mg/m <sup>3</sup>
Consumer DNEL, long-term		inhalation	local	3,6 mg/m <sup>3</sup>
Consumer DNEL, acute		inhalation	local	3,6 mg/m <sup>3</sup>
Consumer DNEL, long-term		oral	systemic	0,4 mg/kg bw/day
Consumer DNEL, acute		oral	systemic	1,2 mg/kg bw/day
84434-11-7	Ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate			
Worker DNEL, long-term		inhalation	systemic	4.93 mg/m <sup>3</sup>
Worker DNEL, long-term		dermal	systemic	1.4 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	0.87 mg/m <sup>3</sup>
Consumer DNEL, long-term		dermal	systemic	0.5 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	0.5 mg/kg bw/day
162881-26-7	phenyl bis(2,4,6-trimethylbenzoyl)phosphine oxide			
Worker DNEL, long-term		inhalation	systemic	21 mg/m <sup>3</sup>
Worker DNEL, long-term		dermal	systemic	3 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	5.2 mg/m <sup>3</sup>
Consumer DNEL, long-term		dermal	systemic	1.5 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	1.5 mg/kg bw/day

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#### PNEC values

CAS No	Name of agent		Value
Environmental compartment			
27813-02-1	Methacrylic acid, monoester with propane-1,2-diol		
Freshwater			0,904 mg/l
Freshwater (intermittent releases)			0,972 mg/l
Marine water			0,09 mg/l
Freshwater sediment			6,28 mg/kg
Marine sediment			6,28 mg/kg
Micro-organisms in sewage treatment plants (STP)			10 mg/l
Soil			0,727 mg/kg
79-10-7	acrylic acid; prop-2-enoic acid		
Freshwater			0,003 mg/l
Freshwater (intermittent releases)			0,001 mg/l
Marine water			0,0003 mg/l
Freshwater sediment			0,024 mg/kg
Marine sediment			0,002 mg/kg
Secondary poisoning			30 mg/kg
Micro-organisms in sewage treatment plants (STP)			0,9 mg/l
Soil			1 mg/kg
84434-11-7	Ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate		
Freshwater			0.00101 mg/l
Freshwater (intermittent releases)			0.0101 mg/l
Marine water			0.000101 mg/l
Freshwater sediment			0.24 mg/kg
Marine sediment			0.024 mg/kg
Soil			0.0475 mg/kg
162881-26-7	phenyl bis(2,4,6-trimethylbenzoyl)phosphine oxide		
Freshwater			0.001 mg/l
Freshwater (intermittent releases)			0.001 mg/l
Marine water			0.001 mg/l
Freshwater sediment			0.712 mg/kg
Marine sediment			0.712 mg/kg
Micro-organisms in sewage treatment plants (STP)			1 mg/l
Soil			20 mg/kg

#### 8.2. Exposure controls



##### Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations.

##### Individual protection measures, such as personal protective equipment

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#### Eye/face protection

Wear eye/face protection.

#### Hand protection

Wear protective gloves.

Breakthrough times and swelling properties of the material must be taken into consideration.

NBR (Nitrile rubber) 0,4 mm, Breakthrough time: 480 min

EN ISO 374

#### Skin protection

Avoid contact with skin, eyes and clothes.

#### Respiratory protection

In case of inadequate ventilation wear 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:	light yellow transparent	
Odour:	characteristic	
Odour threshold:	not determined	
Melting point/freezing point:		not determined
Boiling point or initial boiling point and boiling range:		>100 °C
Flammability:		not applicable
Lower explosion limits:		not determined
Upper explosion limits:		not determined
Flash point:		>100 °C
Auto-ignition temperature:		not determined
Decomposition temperature:		not determined
pH-Value:		not determined
Viscosity / kinematic:		not determined
Water solubility:		practically insoluble
Solubility in other solvents		
No data available		
Partition coefficient n-octanol/water:		not determined
Vapour pressure:		not determined
Density (at 20 °C):		1,1 g/cm <sup>3</sup>
Relative density:		not determined
Relative vapour density:		not determined
Particle characteristics:		not determined

### 9.2. Other information

#### Information with regard to physical hazard classes

Explosive properties  
not explosive.

Oxidizing properties  
not determined

#### Other safety characteristics

Viscosity / dynamic:  
(at 25 °C) 450 mPa·s



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## SECTION 10: Stability and reactivity

### **10.1. Reactivity**

No known hazardous reactions.

### **10.2. Chemical stability**

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

### **10.3. Possibility of hazardous reactions**

Thermal decomposition can lead to the escape of irritating gases and vapours.

Vapours can form explosive mixtures with air.

### **10.4. Conditions to avoid**

No information available.

### **10.5. Incompatible materials**

No information available.

### **10.6. Hazardous decomposition products**

No known hazardous decomposition products.

### **Further information**

No data available

## SECTION 11: Toxicological information

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

#### **Toxicokinetics, metabolism and distribution**

No data available

#### **Acute toxicity**

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

#### **ATEmix calculated**

ATE (oral) > 5000 mg/kg; ATE (dermal) > 5000 mg/kg; ATE (inhalation vapour) > 50 mg/l; ATE (inhalation dust/mist) > 12.5 mg/l

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CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
27813-02-1	Methacrylic acid, monoester with propane-1,2-diol				
	dermal	LD50 > 5000 mg/kg	Rabbit	Study report (1982)	The test substance, as received, was hel
79-10-7	acrylic acid; prop-2-enoic acid				
	oral	ATE 500 mg/kg			
	dermal	ATE 1100 mg/kg			
	inhalation vapour	ATE 11 mg/l			
	inhalation dust/mist	ATE 1.5 mg/l			
80-15-9	cumene hydroperoxide				
	oral	LD50 382 mg/kg	Rat	IUCLID	
	dermal	ATE 1100 mg/kg			
	inhalation vapour	ATE 3 mg/l			
	inhalation dust/mist	ATE 0.5 mg/l			
114-83-0	2-phenylacetohydrazide				
	oral	LD50 270 mg/kg	Mouse	Pre-supplier/manufaturer	
84434-11-7	Ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate				
	oral	LD50 > 5000 mg/kg	Rat	Study report (1982)	OECD Guideline 401
	dermal	LD50 >= 2000 mg/kg	Rat	Study report (2013)	OECD Guideline 402
162881-26-7	phenyl bis(2,4,6-trimethylbenzoyl)phosphine oxide				
	oral	LD50 > 2000 mg/kg	Rat	Study report (1996)	OECD Guideline 401
	dermal	LD50 > 2000 mg/kg	Rat	Study report (1996)	OECD Guideline 402

#### Irritation and corrosivity

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/eye irritation: Causes serious eye damage.

#### Sensitising effects

May cause an allergic skin reaction. (Methacrylic acid, monoester with propane-1,2-diol; Ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate; phenyl bis(2,4,6-trimethylbenzoyl)phosphine oxide)

#### Carcinogenic/mutagenic/toxic effects for reproduction

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

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

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

#### STOT-single exposure

May cause respiratory irritation. (acrylic acid; prop-2-enoic acid; cumene hydroperoxide)

#### STOT-repeated exposure

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

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#### Aspiration hazard

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

#### Information on likely routes of exposure

No data available

#### Specific effects in experiment on an animal

No data available

#### Additional information on tests

No data available

#### Practical experience

May be harmful if swallowed, in contact with skin or if inhaled.

#### 11.2. Information on other hazards

##### Other information

No data available

##### Further information

No data available

### SECTION 12: Ecological information

#### 12.1. Toxicity

Harmful to aquatic life with long lasting effects.

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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
27813-02-1	Methacrylic acid, monoester with propane-1,2-diol					
	Acute fish toxicity	LC50 > 100 mg/l	96 h	Oryzias latipes	Study report (1997)	OECD Guideline 203
	Acute algae toxicity	ErC50 > 97,2 mg/l	72 h	Raphidocelis subcapitata	REACH Registration Dossier	OECD Guideline 201
	Acute crustacea toxicity	EC50 > 143 mg/l	48 h	Daphnia magna	REACH Registration Dossier	OECD Guideline 202
	Crustacea toxicity	NOEC 45,2 mg/l	21 d	Daphnia magna	REACH Registration Dossier	OECD Guideline 211
84434-11-7	Ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate					
	Acute fish toxicity	LC50 1.89 mg/l	96 h	Danio rerio	REACH Registration Dossier	OECD Guideline 203
	Acute algae toxicity	ErC50 0.239 mg/l	72 h	Desmodesmus subspicatus	REACH Registration Dossier	OECD Guideline 201
	Acute crustacea toxicity	EC50 2.26 mg/l	48 h	Daphnia magna	REACH Registration Dossier	OECD Guideline 202
162881-26-7	phenyl bis(2,4,6-trimethylbenzoyl)phosphine oxide					
	Acute fish toxicity	LC50 > 0.09 mg/l	96 h	Danio rerio	Study report (1997)	OECD Guideline 203
	Acute algae toxicity	ErC50 > 0.26 mg/l	72 h	Desmodesmus subspicatus	Study report (1997)	OECD Guideline 201
	Acute crustacea toxicity	EC50 > 1.175 mg/l	48 h	Daphnia magna	Study report (1997)	OECD Guideline 202
	Crustacea toxicity	NOEC >= 0.0081 mg/l	21 d	Daphnia magna	Study report (2003)	OECD Guideline 211
	Acute bacteria toxicity	EC50 > 100 mg/l ( )	3 h	activated sludge, domestic	Study report (1997)	OECD Guideline 209

#### 12.2. Persistence and degradability

No data available

#### 12.3. Bioaccumulative potential

No data available

#### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
27813-02-1	Methacrylic acid, monoester with propane-1,2-diol	0,97
79-10-7	acrylic acid; prop-2-enoic acid	0,35
84434-11-7	Ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate	2.91
162881-26-7	phenyl bis(2,4,6-trimethylbenzoyl)phosphine oxide	5.8

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#### BCF

CAS No	Chemical name	BCF	Species	Source
162881-26-7	phenyl bis(2,4,6-trimethylbenzoyl)phosphine oxide	< 5	Cyprinus carpio	Study report (1997)

#### 12.4. Mobility in soil

No data available

#### 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 data available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Disposal recommendations

Dispose of waste according to applicable legislation.

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

080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other hazardous substances; hazardous waste

##### List of Wastes Code - used product

080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other hazardous substances; hazardous waste

##### List of Wastes Code - contaminated packaging

080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other hazardous substances; hazardous waste

##### Contaminated packaging

Completely emptied packages can be recycled. Dispose of waste according to applicable legislation.

### 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.

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#### Marine transport (IMDG)

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

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

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

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

#### 14.6. Special precautions for user

No information 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

##### EU regulatory information

Restrictions on use (REACH, annex XVII):  
Entry 3, Entry 40, Entry 75

Directive 2010/75/EU on industrial emissions: 36.082 % (396.907 g/l)

Information according to Directive 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

##### 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): 2 - obviously hazardous to water

#### 15.2. Chemical safety assessment

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

### SECTION 16: Other information

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### Abbreviations and acronyms

Org. Perox  
Flam. Liq: Flammable liquid  
Acute Tox: Acute toxicity  
Skin Corr: Skin corrosion  
Skin Irrit: Skin irritation  
Eye Dam: Eye damage  
Eye Irrit: Eye irritation  
Skin Sens: Skin sensitisation  
STOT SE: Specific target organ toxicity - single exposure  
STOT RE: Specific target organ toxicity - repeated exposure  
Aquatic Acute: Acute aquatic hazard  
Aquatic Chronic: Chronic aquatic hazard  
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  
CAS: Chemical Abstracts Service  
DNEL: Derived No Effect Level  
DMEL: Derived Minimal Effect Level  
PNEC: Predicted No Effect Concentration  
ATE: Acute toxicity estimate  
LC50: Lethal concentration, 50%  
LD50: Lethal dose, 50%  
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  
ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road )  
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)  
IMDG: International Maritime Code for Dangerous Goods  
EmS: Emergency Schedules  
MFAG: Medical First Aid Guide  
IATA: International Air Transport Association  
ICAO: International Civil Aviation Organization  
MARPOL: International Convention for the Prevention of Marine Pollution from Ships  
IBC: Intermediate Bulk Container  
VOC: Volatile Organic Compounds  
SVHC: Substance of Very High Concern

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

Classification	Classification procedure
Skin Irrit. 2; H315	Calculation method
Eye Dam. 1; H318	Calculation method
Skin Sens. 1; H317	Calculation method
STOT SE 3; H335	Calculation method
Aquatic Chronic 3; H412	Calculation method

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

H226	Flammable liquid and vapour.
H242	Heating may cause a fire.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.

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