

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Kisling - 1313 - Component A 1315

Revision date: 13.03.2024

Product code: 1313

Page 1 of 19

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

### 1.1. Product identifier

Kisling - 1313 - Component A 1315

UFI: 9P30-30CK-1006-HY8E

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

#### Use of the substance/mixture

Adhesives and sealants  
Resins (prepolymers)

#### 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  
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: Dr. Hans Götz 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  
Repr. 2; H361d  
STOT SE 3; H335  
Aquatic Chronic 2; H411

Full text of hazard statements: see SECTION 16.

### 2.2. Label elements

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

##### Hazard components for labelling

2-phenoxyethyl methacrylate  
2-hydroxyethyl methacrylate  
Methacrylic acid, monoester with propane-1,2-diol  
alpha,alpha-dimethylbenzyl hydroperoxide; cumene hydroperoxide  
hydroquinone monomethyl ether

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Kisling - 1313 - Component A 1315

Revision date: 13.03.2024

Product code: 1313

Page 2 of 19

**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.
H361d	Suspected of damaging the unborn child.
H411	Toxic to aquatic life with long lasting effects.

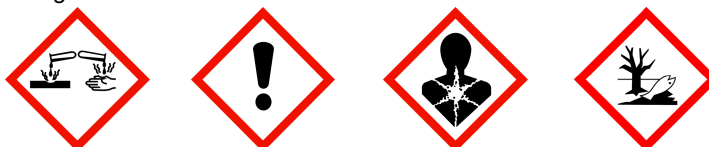
#### Precautionary statements

P273	Avoid release to the environment.
P280	Wear protective gloves and eye/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.
P391	Collect spillage.

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

**Signal word:** Danger

**Pictograms:**



#### Hazard statements

H317-H318-H361d

#### Precautionary statements

P280-P305+P351+P338-P310

#### 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.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Kisling - 1313 - Component A 1315

Revision date: 13.03.2024

Product code: 1313

Page 3 of 19

#### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
10595-06-9	2-phenoxyethyl methacrylate			15 - < 30 %
	234-201-1		01-2120752383-55	
	Repr. 2, Skin Sens. 1, Aquatic Chronic 2; H361d H317 H411			
868-77-9	2-hydroxyethyl methacrylate			15 - < 30 %
	212-782-2	607-124-00-X	01-2119490169-29	
	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1; H315 H319 H317			
27813-02-1	Methacrylic acid, monoester with propane-1,2-diol			5 - < 15 %
	248-666-3			
	Eye Irrit. 2, Skin Sens. 1; H319 H317			
40220-08-4	Tris (2-Hydroxyethyl) isocyanurate triacrylate			5 - < 15 %
	254-843-6			
	Skin Irrit. 2, Eye Irrit. 2; H315 H319			
80-15-9	alpha,alpha-dimethylbenzyl hydroperoxide; 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			
107-21-1	ethanediol; ethylene glycol			1 - < 5 %
	203-473-3	603-027-00-1	01-2119456816-28	
	Acute Tox. 4; H302			
128-37-0	Butylhydroxytoluene (BHT)			0.1 - < 1 %
	204-881-4		01-2119480433-40	
	Aquatic Acute 1, Aquatic Chronic 1; H400 H410			
150-76-5	hydroquinone monomethyl ether			0.1 - < 1 %
	205-769-8	604-044-00-7		
	Acute Tox. 4, Eye Irrit. 2, Skin Sens. 1, Aquatic Chronic 3; H302 H319 H317 H412			
79-41-4	methacrylic acid; 2-methylpropenoic acid			0.1 - < 1 %
	201-204-4	607-088-00-5	01-2119463884-26	
	Acute Tox. 3, Acute Tox. 4, Acute Tox. 4, Skin Corr. 1A, Eye Dam. 1, STOT SE 3; H311 H332 H302 H314 H318 H335			

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

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Kisling - 1313 - Component A 1315

Revision date: 13.03.2024

Product code: 1313

Page 4 of 19

#### Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
868-77-9	212-782-2	2-hydroxyethyl methacrylate	15 - < 30 %
		dermal: LD50 = >3000 mg/kg; oral: LD50 = 5050 mg/kg	
27813-02-1	248-666-3	Methacrylic acid, monoester with propane-1,2-diol	5 - < 15 %
		dermal: LD50 = > 5000 mg/kg	
80-15-9	201-254-7	alpha,alpha-dimethylbenzyl hydroperoxide; 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 - 100	
107-21-1	203-473-3	ethanediol; ethylene glycol	1 - < 5 %
		dermal: LD50 = 10600 mg/kg; oral: ATE = 500 mg/kg	
128-37-0	204-881-4	Butylhydroxytoluene (BHT)	0.1 - < 1 %
		dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 6000 mg/kg Aquatic Acute 1; H400: M=1 Aquatic Chronic 1; H410: M=1	
150-76-5	205-769-8	hydroquinone monomethyl ether	0.1 - < 1 %
		dermal: LD50 = > 2000 mg/kg; oral: ATE = 500 mg/kg	
79-41-4	201-204-4	methacrylic acid; 2-methylpropenoic acid	0.1 - < 1 %
		inhalation: LC50 = 7,1 mg/l (vapours); inhalation: ATE = 1.5 mg/l (dusts or mists); dermal: LD50 = 500 mg/kg; oral: LD50 = 1320 mg/kg Eye Dam. 1; H318: >= 3 - 100 Eye Irrit. 2; H319: >= - < 3 STOT SE 3; H335: >= 1 - 100	

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

###### General information

Take off immediately all contaminated clothing.

###### After inhalation

Provide fresh air. If breathing is irregular or stopped, administer artificial respiration. Medical treatment necessary. When in doubt or if symptoms are observed, get medical advice.

###### After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. Medical treatment necessary. After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a physician.

###### After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing.

###### After ingestion

Observe risk of aspiration if vomiting occurs. Rinse mouth immediately and drink 1 glass of water. Do NOT induce vomiting. Get immediate medical advice/attention.

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

No further relevant information available.

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

Treat symptomatically. No further relevant information available.

#### SECTION 5: Firefighting measures

##### 5.1. Extinguishing media

###### Suitable extinguishing media

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

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Kisling - 1313 - Component A 1315

Revision date: 13.03.2024

Product code: 1313

Page 5 of 19

surroundings.

#### Unsuitable extinguishing media

No information available.

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

In case of fire and/or explosion do not breathe fumes.

#### 5.3. Advice for firefighters

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

#### Additional information

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet. 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

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment. Provide adequate ventilation. Wear breathing apparatus if exposed to vapours/dusts/aerosols.

#### 6.2. Environmental precautions

Do not allow to enter into surface water or drains. 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

##### 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.

#### 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 handling advices are necessary.

##### Advice on protection against fire and explosion

No special fire protection measures are necessary.

##### 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.

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

##### Requirements for storage rooms and vessels

Keep container tightly closed. Keep locked up. Store in a place accessible by authorized persons only. Provide adequate ventilation as well as local exhaust at critical locations.

##### Hints on joint storage

none

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Revision date: 13.03.2024

Kisling - 1313 - Component A 1315

Product code: 1313

Page 6 of 19

**Further information on storage conditions**  
Store in a cool dry place. Protect from direct sunlight.

**7.3. Specific end use(s)**  
No further relevant information available.

SECTION 8: Exposure controls/personal protection

**8.1. Control parameters**

**Occupational exposure limit values**

CAS No	Name of agent	ppm	mg/m³	fib/cm³	Category	Origin
107-21-1	Ethylene glycol	20	52		TWA (8 h)	
		40	104		STEL (15 min)	

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Kisling - 1313 - Component A 1315

Revision date: 13.03.2024

Product code: 1313

Page 7 of 19

#### DNEL/DMEL values

CAS No	Name of agent			
DNEL type		Exposure route	Effect	Value
10595-06-9	2-phenoxyethyl methacrylate			
Worker DNEL, long-term		inhalation	systemic	12 mg/m³
Worker DNEL, long-term		inhalation	local	84 mg/m³
Worker DNEL, long-term		dermal	systemic	3,5 mg/kg bw/day
27813-02-1	Methacrylic acid, monoester with propane-1,2-diol			
Worker DNEL, long-term		inhalation	systemic	14,7 mg/m³
Worker DNEL, long-term		dermal	systemic	4,2 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	4,35 mg/m³
Consumer DNEL, long-term		dermal	systemic	2,5 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	2,5 mg/kg bw/day
40220-08-4	Tris (2-Hydroxyethyl) isocyanurate triacrylate			
Worker DNEL, long-term		inhalation	systemic	1,65 mg/m³
Worker DNEL, long-term		dermal	systemic	2,3 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	0,29 mg/m³
Consumer DNEL, long-term		dermal	systemic	0,83 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	0,083 mg/kg bw/day
128-37-0	Butylhydroxytoluene (BHT)			
Worker DNEL, long-term		inhalation	systemic	1,76 mg/m³
Worker DNEL, long-term		dermal	systemic	0,5 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	0,435 mg/m³
Consumer DNEL, long-term		dermal	systemic	0,25 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	0,25 mg/kg bw/day
150-76-5	hydroquinone monomethyl ether			
Worker DNEL, long-term		inhalation	systemic	3 mg/m³
79-41-4	methacrylic acid; 2-methylpropenoic acid			
Worker DNEL, long-term		inhalation	systemic	39,3 mg/m³
Worker DNEL, long-term		inhalation	local	44 mg/m³
Worker DNEL, long-term		dermal	systemic	4,25 mg/kg bw/day
Worker DNEL, long-term		dermal	local	0,38 mg/cm²
Consumer DNEL, long-term		inhalation	systemic	11,7 mg/m³
Consumer DNEL, long-term		inhalation	local	8,8 mg/m³
Consumer DNEL, long-term		dermal	systemic	5,35 mg/kg bw/day
Consumer DNEL, long-term		dermal	local	0,23 mg/cm²
Consumer DNEL, long-term		oral	systemic	5,35 mg/kg bw/dav

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Kisling - 1313 - Component A 1315

Revision date: 13.03.2024

Product code: 1313

Page 8 of 19

#### PNEC values

CAS No	Name of agent	
Environmental compartment		Value
10595-06-9	2-phenoxyethyl methacrylate	
Freshwater		0,0142 mg/l
Freshwater (intermittent releases)		0,012 mg/l
Marine water		0,00142 mg/l
Freshwater sediment		0,665 mg/kg
Marine sediment		0,067 mg/kg
Micro-organisms in sewage treatment plants (STP)		1,77 mg/l
Soil		0,125 mg/kg
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
40220-08-4	Tris (2-Hydroxyethyl) isocyanurate triacrylate	
Freshwater		0,00943 mg/l
Freshwater (intermittent releases)		0,0943 mg/l
Marine water		0,000943 mg/l
Freshwater sediment		0,62 mg/kg
Marine sediment		0,062 mg/kg
Micro-organisms in sewage treatment plants (STP)		10 mg/l
Soil		0,118 mg/kg
128-37-0	Butylhydroxytoluene (BHT)	
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
150-76-5	hydroquinone monomethyl ether	
Freshwater		0,014 mg/l
Marine water		0,001 mg/l
Freshwater sediment		0,125 mg/kg
Marine sediment		0,013 mg/kg
Micro-organisms in sewage treatment plants (STP)		10 mg/l
Soil		0,017 mg/kg



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Kisling - 1313 - Component A 1315

Revision date: 13.03.2024

Product code: 1313

Page 9 of 19

79-41-4	methacrylic acid; 2-methylpropenoic acid
Freshwater	0,82 mg/l
Freshwater (intermittent releases)	0,45 mg/l
Marine water	0,082 mg/l
Freshwater sediment	3,09 mg/kg
Marine sediment	0,309 mg/kg
Micro-organisms in sewage treatment plants (STP)	100 mg/l
Soil	0,137 mg/kg

#### 8.2. Exposure controls



##### Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

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

##### Eye/face protection

Suitable eye protection: goggles.

##### Hand protection

Hand protection EN ISO 374

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. Tested protective gloves must be worn.

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

Wear suitable protective clothing. The type of personal protection equipment has to be chosen based on the concentration and amount of the dangerous substance at the workplace.

##### Respiratory protection

In case of inadequate ventilation wear respiratory protection. If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	cream
Odour:	characteristic
Odour threshold:	not determined
Melting point/freezing point:	not determined
Boiling point or initial boiling point and boiling range:	ca. 149 °C
Flammability:	not applicable
Lower explosion limits:	not determined
Upper explosion limits:	not determined
Flash point:	>100 °C
Auto-ignition temperature:	not determined

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Kisling - 1313 - Component A 1315

Revision date: 13.03.2024

Product code: 1313

Page 10 of 19

Decomposition temperature:	not determined
pH-Value:	not determined
Viscosity / kinematic:	not determined
Water solubility:	not determined
Solubility in other solvents	
not determined	
Partition coefficient n-octanol/water:	not determined
Vapour pressure:	not determined
Density (at 20 °C):	1,06 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

The product is not: Explosive.

###### Oxidizing properties

not determined

##### Other safety characteristics

###### Evaporation rate:

not determined

###### Solid content:

not determined

###### Viscosity / dynamic: (at 20 °C)

5500 mPa·s

## SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No further relevant information available.

#### 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

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

#### 10.5. Incompatible materials

No further relevant information available.

#### 10.6. Hazardous decomposition products

No further relevant information 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) 8708 mg/kg; ATE (dermal) 28092 mg/kg; ATE (inhalation vapour) 86.31 mg/l; ATE (inhalation dust/mist) 14.39 mg/l

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Kisling - 1313 - Component A 1315

Revision date: 13.03.2024

Product code: 1313

Page 11 of 19

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
868-77-9	2-hydroxyethyl methacrylate				
	oral	LD50 mg/kg 5050	Rat	Pre-supplier/manufact urer	
	dermal	LD50 mg/kg >3000	Rabbit	Pre-supplier/manufact urer	
27813-02-1	Methacrylic acid, monoester with propane-1,2-diol				
	dermal	LD50 mg/kg > 5000	Rabbit	Study report (1982)	The test substance, as received, was hel
80-15-9	alpha,alpha-dimethylbenzyl hydroperoxide; cumene hydroperoxide				
	oral	LD50 mg/kg 382	Rat	IUCLID	
	dermal	ATE mg/kg 1100			
	inhalation vapour	ATE 3 mg/l			
	inhalation dust/mist	ATE 0.5 mg/l			
107-21-1	ethanediol; ethylene glycol				
	oral	ATE mg/kg 500			
	dermal	LD50 mg/kg 10600	Rabbit	GESTIS	
128-37-0	Butylhydroxytoluene (BHT)				
	oral	LD50 mg/kg > 6000	Rat	Study report (1989)	OECD Guideline 401
	dermal	LD50 mg/kg > 2000	Rat	Study report (1988)	OECD Guideline 402
150-76-5	hydroquinone monomethyl ether				
	oral	ATE mg/kg 500			
	dermal	LD50 mg/kg > 2000	Rat	Study report (2008)	EU Method B.3
79-41-4	methacrylic acid; 2-methylpropenoic acid				
	oral	LD50 mg/kg 1320	Rat	Study report (1977)	OECD Guideline 401
	dermal	LD50 mg/kg 500	Rabbit	Pre-supplier/manufact urer	
	inhalation (4 h) vapour	LC50 7,1 mg/l	Rat	Pre-supplier/manufact urer	OECD 403
	inhalation dust/mist	ATE 1.5 mg/l			

#### Irritation and corrosivity

Causes skin irritation.

Causes serious eye damage.

#### Sensitising effects

May cause an allergic skin reaction. (2-phenoxyethyl methacrylate; 2-hydroxyethyl methacrylate; Methacrylic acid, monoester with propane-1,2-diol; hydroquinone monomethyl ether)

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

Suspected of damaging the unborn child. (2-phenoxyethyl methacrylate)

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

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

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Kisling - 1313 - Component A 1315

Revision date: 13.03.2024

Product code: 1313

Page 12 of 19

#### STOT-single exposure

May cause respiratory irritation. (alpha,alpha-dimethylbenzyl hydroperoxide; cumene hydroperoxide)

#### 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.

#### 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

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

### SECTION 12: Ecological information

#### 12.1. Toxicity

Toxic to aquatic life with long lasting effects.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Kisling - 1313 - Component A 1315

Revision date: 13.03.2024

Product code: 1313

Page 13 of 19

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
10595-06-9	2-phenoxyethyl methacrylate					
	Acute algae toxicity	ErC50 4,4 mg/l	72 h	Desmodesmus subspicatus	REACH Registration Dossier	ISO 8692
	Acute bacteria toxicity	(EC50 mg/l) 177	3 h	Activated sludge	REACH Registration Dossier	ISO 8192
868-77-9	2-hydroxyethyl methacrylate					
	Acute fish toxicity	LC50 227 mg/l	96 h	Pimephales promelas	Pre-supplier/manu facturer	
	Acute crustacea toxicity	EC50 mg/l >380	48 h	Daphnia magna (Big water flea)	Pre-supplier/manu facturer	
27813-02-1	Methacrylic acid, monoester with propane-1,2-diol					
	Acute fish toxicity	LC50 mg/l > 100	96 h	Oryzias latipes	Study report (1997)	OECD Guideline 203
	Acute algae toxicity	ErC50 mg/l > 97,2	72 h	Raphidocelis subcapitata	REACH Registration Dossier	OECD Guideline 201
	Acute crustacea toxicity	EC50 mg/l > 143	48 h	Daphnia magna	REACH Registration Dossier	OECD Guideline 202
	Crustacea toxicity	NOEC mg/l 45,2	21 d	Daphnia magna	REACH Registration Dossier	OECD Guideline 211
40220-08-4	Tris (2-Hydroxyethyl) isocyanurate triacrylate					
	Acute fish toxicity	LC50 mg/l 9,43	96 h	Danio rerio	Study report (2019)	OECD Guideline 203
	Acute algae toxicity	ErC50 mg/l 25,7	72 h	Raphidocelis subcapitata	Study report (2017)	OECD Guideline 201
	Acute crustacea toxicity	EC50 mg/l 158,3	48 h	Daphnia magna	Study report (2017)	OECD Guideline 202
128-37-0	Butylhydroxytoluene (BHT)					
	Acute fish toxicity	LC50 mg/l 0,199	96 h	Oryzias latipes	REACH Registration Dossier	OECD Guideline 203
	Acute algae toxicity	ErC50 mg/l 0,758	96 h	Raphidocelis subcapitata	REACH Registration Dossier	OECD Guideline 201
	Acute crustacea toxicity	EC50 mg/l 0,48	48 h	Daphnia magna	REACH Registration Dossier	OECD Guideline 202
	Fish toxicity	NOEC mg/l 0,053	30 d	Oryzias latipes	REACH Registration Dossier	OECD Guideline 210
	Crustacea toxicity	NOEC mg/l 0,069	21 d	Daphnia magna	REACH Registration Dossier	OECD Guideline 211
	Acute bacteria toxicity	(EC50 mg/l) > 10000	3 h	Activated sludge	Study report (2000)	OECD Guideline 209
150-76-5	hydroquinone monomethyl ether					

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Kisling - 1313 - Component A 1315

Revision date: 13.03.2024

Product code: 1313

Page 14 of 19

	Acute bacteria toxicity	(EC50 4,6 mg/l)	0.5 h	Photobacterium phosphoreum	Chemosphere, 12(11/12), 1421-1442. (1983)	other: microtox test
79-41-4	methacrylic acid; 2-methylpropenoic acid					
	Acute fish toxicity	LC50 85 mg/l	96 h	Oncorhynchus mykiss	REACH Registration Dossier	EPA OTS 797.1400
	Acute algae toxicity	ErC50 45 mg/l	72 h	Raphidocelis subcapitata	REACH Registration Dossier	OECD Guideline 201
	Acute crustacea toxicity	EC50 mg/l > 130	48 h	Daphnia magna	REACH Registration Dossier	EPA OTS 797.1300
	Fish toxicity	NOEC 10 mg/l	35 d	Danio rerio	REACH Registration Dossier	OECD Guideline 210
	Crustacea toxicity	NOEC 53 mg/l	21 d	Daphnia magna	REACH Registration Dossier	OECD Guideline 211
	Acute bacteria toxicity	(EC50 mg/l) 13500	3 h	Activated sludge	Publication (2008)	ISO 8192

**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
10595-06-9	2-phenoxyethyl methacrylate	3,137
868-77-9	2-hydroxyethyl methacrylate	0,47
27813-02-1	Methacrylic acid, monoester with propane-1,2-diol	0,97
40220-08-4	Tris (2-Hydroxyethyl) isocyanurate triacrylate	1,09
107-21-1	ethanediol; ethylene glycol	-1,36
128-37-0	Butylhydroxytoluene (BHT)	5,03
150-76-5	hydroquinone monomethyl ether	1,62
79-41-4	methacrylic acid; 2-methylpropenoic acid	0,93

**BCF**

CAS No	Chemical name	BCF	Species	Source
128-37-0	Butylhydroxytoluene (BHT)	465	fish	REACH Registration D

**12.4. Mobility in soil**

No further relevant information 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

**Further information**

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

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Kisling - 1313 - Component A 1315

Revision date: 13.03.2024

Product code: 1313

Page 15 of 19

## 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

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

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:

UN 3082

#### 14.2. UN proper shipping name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
((2-phenoxyethyl methacryl)

#### 14.3. Transport hazard class(es):

9

#### 14.4. Packing group:

III

Hazard label:

9



Classification code:

M6

Special Provisions:

274 335 375 601

Limited quantity:

5 L

Excepted quantity:

E1

Transport category:

3

Hazard No:

90

Tunnel restriction code:

-

### Inland waterways transport (ADN)

#### 14.1. UN number or ID number:

UN 3082

#### 14.2. UN proper shipping name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
((2-phenoxyethyl methacryl)

#### 14.3. Transport hazard class(es):

9

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Kisling - 1313 - Component A 1315

Revision date: 13.03.2024

Product code: 1313

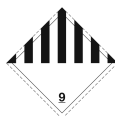
Page 16 of 19

#### 14.4. Packing group:

Hazard label:

III

9



Classification code:

M6

Special Provisions:

274 335 375 601

Limited quantity:

5 L

Excepted quantity:

E1

#### Marine transport (IMDG)

##### 14.1. UN number or ID number:

UN 3082

##### 14.2. UN proper shipping name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
((2-phenoxyethyl methacryl)

##### 14.3. Transport hazard class(es):

9

##### 14.4. Packing group:

III

Hazard label:

9



Special Provisions:

274 335 969

Limited quantity:

5 L

Excepted quantity:

E1

EmS:

F-A, S-F

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

##### 14.1. UN number or ID number:

UN 3082

##### 14.2. UN proper shipping name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
((2-phenoxyethyl methacryl)

##### 14.3. Transport hazard class(es):

9

##### 14.4. Packing group:

III

Hazard label:

9



Special Provisions:

A97 A158 A197 A215

Limited quantity Passenger:

30 kg G

Passenger LQ:

Y964

Excepted quantity:

E1

IATA-packing instructions - Passenger:

964

IATA-max. quantity - Passenger:

450 L

IATA-packing instructions - Cargo:

964

IATA-max. quantity - Cargo:

450 L

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS:

Yes



Danger releasing substance:

(2-phenoxyethyl methacryl

#### 14.6. Special precautions for user

No information available.

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

not applicable



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Kisling - 1313 - Component A 1315

Revision date: 13.03.2024

Product code: 1313

Page 17 of 19

## 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 75

2010/75/EU (VOC): 29.612 % (313.892 g/l)

#### 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

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Kisling - 1313 - Component A 1315

Revision date: 13.03.2024

Product code: 1313

Page 18 of 19

#### Abbreviations and acronyms

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  
For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).  
Org. Perox: Organic peroxide  
Acute Tox: Acute toxicity  
Skin Corr: Skin corrosion  
Skin Irrit: Skin irritation  
Eye Dam: Eye damage  
Eye Irrit: Eye irritation  
Skin Sens: Skin sensitisation  
Repr: Reproductive toxicity  
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

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Kisling - 1313 - Component A 1315		
Revision date: 13.03.2024	Product code: 1313	Page 19 of 19

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
Repr. 2; H361d	Calculation method
STOT SE 3; H335	Calculation method
Aquatic Chronic 2; H411	Calculation method

Relevant H and EUH statements (number and full text)

H242	Heating may cause a fire.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
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.
H361d	Suspected of damaging the unborn child.
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.

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 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.

Identified uses

No	Short title	LCS	SU	PC	PROC	ERC	AC	TF	Specification
1	Adhesives and sealants	PW, C	6a, 6b, 12, 18, 19	1	11, 19	4, 8a, 8c, 8d	4e, 4g, 5c, 6g, 7c, 7g, 8, 10, 11, 13	110	K+D

LCS: Life cycle stages  
PC: Product categories  
ERC: Environmental release categories  
TF: Technical functions

SU: Sectors of use  
PROC: Process categories  
AC: Article categories

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