

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Kisling - 7429 - Component B 7430

Revision date: 21.03.2025

Product code: 7429

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

### 1.1. Product identifier

Kisling - 7429 - Component B 7430

UFI: GUJN-80FD-900W-1908

### 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

Repr. 2; H361d  
Skin Corr. 1A; H314  
Eye Dam. 1; H318  
Skin Sens. 1; H317  
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

2-methylpentane-2,4-diol

Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine

3,3,5-trimethylhexylenediamine; 3,3,5-trimethyl hexamethylene-diamine

N'-(3-aminopropyl)-N,N-dimethylpropane-1,3-diamine

Amines, polyethylenepoly-, triethylenetetramine fraction

**Signal word:** Danger**Pictograms:**

#### Hazard statements

- H314 Causes severe skin burns and eye damage.  
H317 May cause an allergic skin reaction.  
H361d Suspected of damaging the unborn child.  
H412 Harmful to aquatic life with long lasting effects.

#### Precautionary statements

- P260 Do not breathe Vapour.  
P280 Wear protective gloves and eye protection/face protection.  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

#### 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)			
107-41-5	2-methylpentane-2,4-diol			5 - < 15 %
	203-489-0	603-053-00-3	01-2119539582-35	
	Repr. 2, Skin Irrit. 2, Eye Irrit. 2; H361d H315 H319			
68082-29-1	Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine			5 - < 15 %
	500-191-5			
	Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Chronic 2; H315 H318 H317 H411			
25513-64-8	3,3,5-trimethylhexylenediamine; 3,3,5-trimethyl hexamethylene-diamine			1 - < 5 %
	247-063-2		01-2119560598-25	
	Acute Tox. 4, Skin Corr. 1A, Eye Dam. 1, Skin Sens. 1A; H302 H314 H318 H317			
10563-29-8	N'-(3-aminopropyl)-N,N-dimethylpropane-1,3-diamine			1 - < 5 %
	234-148-4		01-2119970376-29	
	Acute Tox. 4, Skin Corr. 1A, Eye Dam. 1, Skin Sens. 1B; H302 H314 H318 H317			
104-15-4	p-toluenesulphonic acid (containing a maximum of 5 % H2SO4)			1 - < 5 %
	203-180-0	016-030-00-2		
	Skin Irrit. 2, Eye Irrit. 2, STOT SE 3; H315 H319 H335			
90640-67-8	Amines, polyethylenepoly-, triethylenetetramine fraction			0.1 - < 1 %
	292-588-2		01-2119487919-13	
	Acute Tox. 4, Skin Corr. 1B, Eye Dam. 1, Skin Sens. 1, Aquatic Chronic 3; H312 H314 H318 H317 H412			

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		
107-41-5	203-489-0	2-methylpentane-2,4-diol	5 - < 15 %
	dermal: LD50 = 8000 mg/kg; oral: LD50 = 3700 mg/kg		
68082-29-1	500-191-5	Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine	5 - < 15 %
	dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 2000 mg/kg		
25513-64-8	247-063-2	3,3,5-trimethylhexylenediamine; 3,3,5-trimethyl hexamethylene-diamine	1 - < 5 %
	oral: LD50 = 910 mg/kg Skin Corr. 1A; H314: >= 50 - 100 Skin Corr. 1B; H314: >= 5 - < 50		
10563-29-8	234-148-4	N'-(3-aminopropyl)-N,N-dimethylpropane-1,3-diamine	1 - < 5 %
	oral: LD50 = 1669 mg/kg		
104-15-4	203-180-0	p-toluenesulphonic acid (containing a maximum of 5 % H2SO4)	1 - < 5 %
	oral: LD50 = 2480 mg/kg STOT SE 3; H335: >= 20 - 100		
90640-67-8	292-588-2	Amines, polyethylenepoly-, triethylenetetramine fraction	0.1 - < 1 %
	dermal: LD50 = 1465.4 mg/kg; oral: LD50 = 1861.9 mg/kg		

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

No special measures are necessary.

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#### 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

#### **7.1. Precautions for safe handling**

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

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

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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**

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#### DNEL/DMEL values

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DNEL type	Exposure route	Effect	Value
68082-29-1	Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine		
Worker DNEL, long-term	inhalation	systemic	0,952 mg/m <sup>3</sup>
Worker DNEL, long-term	dermal	systemic	0,272 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	0,169 mg/m <sup>3</sup>
Consumer DNEL, long-term	oral	systemic	0,0972 mg/kg bw/day
Consumer DNEL, long-term	dermal	systemic	0,0972 mg/kg bw/day
25513-64-8	3,3,5-trimethylhexylenediamine; 3,3,5-trimethyl hexamethylene-diamine		
Consumer DNEL, long-term	oral	systemic	0.05 mg/kg bw/day
10563-29-8	N'-(3-aminopropyl)-N,N-dimethylpropane-1,3-diamine		
Consumer DNEL, long-term	inhalation	local	0,65 mg/m <sup>3</sup>
Worker DNEL, long-term	dermal	systemic	0,67 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	0,65 mg/m <sup>3</sup>
Consumer DNEL, long-term	oral	systemic	0,2 mg/kg bw/day
Worker DNEL, long-term	inhalation	systemic	3,7 mg/m <sup>3</sup>
Worker DNEL, acute	inhalation	systemic	7,5 mg/m <sup>3</sup>
Worker DNEL, long-term	inhalation	local	3,7 mg/m <sup>3</sup>
Worker DNEL, acute	inhalation	local	7,5 mg/m <sup>3</sup>
90640-67-8	Amines, polyethylenepoly-, triethylenetetramine fraction		
Worker DNEL, long-term	inhalation	systemic	0.54 mg/m <sup>3</sup>
Consumer DNEL, long-term	inhalation	systemic	0.096 mg/m <sup>3</sup>
Consumer DNEL, long-term	oral	systemic	0.14 mg/kg bw/day

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#### PNEC values

CAS No	Name of agent	
Environmental compartment		Value
68082-29-1	Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine	
Freshwater		0,004 mg/l
Freshwater (intermittent releases)		0,043 mg/l
Marine water		0 mg/l
Freshwater sediment		434,02 mg/kg
Marine sediment		43,4 mg/kg
Micro-organisms in sewage treatment plants (STP)		3,84 mg/l
Soil		86,78 mg/kg
25513-64-8	3,3,5-trimethylhexylenediamine; 3,3,5-trimethyl hexamethylene-diamine	
Freshwater		0.102 mg/l
Freshwater (intermittent releases)		0.315 mg/l
Marine water		0.01 mg/l
Freshwater sediment		0.622 mg/kg
Marine sediment		0.062 mg/kg
Micro-organisms in sewage treatment plants (STP)		72 mg/l
Soil		10 mg/kg
10563-29-8	N'-(3-aminopropyl)-N,N-dimethylpropane-1,3-diamine	
Freshwater		0,0092 mg/l
Freshwater (intermittent releases)		0,092 mg/l
Marine water		0,00092 mg/l
Freshwater sediment		0,034 mg/kg
Marine sediment		0,00336 mg/kg
Micro-organisms in sewage treatment plants (STP)		18,1 mg/l
Soil		0,00132 mg/kg
90640-67-8	Amines, polyethylenepoly-, triethylenetetramine fraction	
Freshwater		0.027 mg/l
Freshwater (intermittent releases)		0.2 mg/l
Marine water		0.003 mg/l
Freshwater sediment		8.572 mg/kg
Marine sediment		0.857 mg/kg
Micro-organisms in sewage treatment plants (STP)		0.13 mg/l
Soil		1.25 mg/kg

#### Additional advice on limit values

To date, no national critical limit values exist.

#### 8.2. Exposure controls



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#### Appropriate engineering controls

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

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

##### 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:	Paste, solid
Colour:	black
Odour:	characteristic
Odour threshold:	not determined
Melting point/freezing point:	not determined
Boiling point or initial boiling point and boiling range:	>200 °C
Flammability:	not applicable
Lower explosion limits:	not determined
Upper explosion limits:	not determined
Flash point:	85 °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	
not determined	
Partition coefficient n-octanol/water:	not determined
Vapour pressure:	not determined
Density (at 20 °C):	1.24 g/cm <sup>3</sup>
Relative density:	not determined
Relative vapour density:	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

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Evaporation rate:	not determined
Solid content:	not determined
Viscosity / dynamic: (at 25 °C)	30.000 mPa·s

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

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CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
107-41-5	2-methylpentane-2,4-diol				
	oral	LD50 3700 mg/kg	Rat		
	dermal	LD50 8000 mg/kg	Rabbit		
68082-29-1	Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine				
	oral	LD50 > 2000 mg/kg	Rat	Study report (2012)	OECD Guideline 423
	dermal	LD50 > 2000 mg/kg	Rat	Study report (2013)	OECD Guideline 402
25513-64-8	3,3,5-trimethylhexylenediamine; 3,3,5-trimethyl hexamethylene-diamine				
	oral	LD50 910 mg/kg	Rat	Study report (1965)	other: comparable to guideline study wit
10563-29-8	N'-(3-aminopropyl)-N,N-dimethylpropane-1,3-diamine				
	oral	LD50 1669 mg/kg	Rat	Study report (1991)	OECD Guideline 401
104-15-4	p-toluenesulphonic acid (containing a maximum of 5 % H2SO4)				
	oral	LD50 2480 mg/kg	Rat	GESTIS	
90640-67-8	Amines, polyethylenepoly-, triethylenetetramine fraction				
	oral	LD50 1861.9 mg/kg	Rat	Study report (1992)	other: EPA FR Vol.50, No. 188, September
	dermal	LD50 1465.4 mg/kg	Rabbit	Study report (1993)	OECD Guideline 402

#### Irritation and corrosivity

Skin corrosion/irritation: Causes severe skin burns and eye damage.

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

#### Sensitising effects

May cause an allergic skin reaction. (Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine; 3,3,5-trimethylhexylenediamine; 3,3,5-trimethyl hexamethylene-diamine; N'-(3-aminopropyl)-N,N-dimethylpropane-1,3-diamine; Amines, polyethylenepoly-, triethylenetetramine fraction)

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

Suspected of damaging the unborn child. (2-methylpentane-2,4-diol)

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

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

#### STOT-single exposure

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

#### STOT-repeated exposure

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

#### Aspiration hazard

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

#### Information on likely routes of exposure

No data available

#### Specific effects in experiment on an animal

No data available

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#### **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
107-41-5	2-methylpentane-2,4-diol					
	Acute fish toxicity	LC50 mg/l	8510	96 h	Gambusia affinis	
	Acute crustacea toxicity	EC50 mg/l	3200	48 h	Daphnia magna	
68082-29-1	Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine					
	Acute fish toxicity	LC50 mg/l	7,07	96 h	Danio rerio	Study report (2013) OECD Guideline 203
	Acute algae toxicity	ErC50 mg/l	4,34	72 h	Raphidocelis subcapitata	Study report (2013) OECD Guideline 201
	Acute crustacea toxicity	EC50 mg/l	7,07	48 h		Pre-supplier/manufacterer
	Acute bacteria toxicity	EC50 ( )	384 mg/l	3 h	activated sludge of a predominantly domestic sewage	Study report (2012) OECD Guideline 209
25513-64-8	3,3,5-trimethylhexylenediamine; 3,3,5-trimethyl hexamethylene-diamine					
	Acute algae toxicity	ErC50 mg/l	43.5	72 h	Raphidocelis subcapitata	REACH Registration Dossier OECD Guideline 201
	Fish toxicity	NOEC mg/l	>= 10.9	30 d	Danio rerio	REACH Registration Dossier OECD Guideline 210
	Crustacea toxicity	NOEC mg/l	1.02	21 d	Daphnia magna	REACH Registration Dossier OECD Guideline 211
10563-29-8	N'-(3-aminopropyl)-N,N-dimethylpropane-1,3-diamine					
	Acute fish toxicity	LC50 mg/l	> 100	96 h	Danio rerio	Study report (2009) OECD Guideline 203
	Acute algae toxicity	ErC50	21 mg/l	72 h	Raphidocelis subcapitata	Study report (2004) OECD Guideline 201
	Acute crustacea toxicity	EC50 mg/l	9,22	48 h	Daphnia magna	Study report (1992) ISO 6341
90640-67-8	Amines, polyethylenepoly-, triethylenetetramine fraction					
	Acute fish toxicity	LC50	330 mg/l	96 h	Pimephales promelas	REACH Registration Dossier other: U.S EPA-TSCA, 40 CFR Part 797.14
	Acute algae toxicity	ErC50	20 mg/l	72 h	Raphidocelis subcapitata	REACH Registration Dossier OECD Guideline 201
	Acute crustacea toxicity	EC50 mg/l	31.1	48 h	Daphnia magna	REACH Registration Dossier EU Method C.2
	Acute bacteria toxicity	EC50 ( )	800 mg/l		activated sludge, domestic	REACH Registration Dossier other: EEC L133 1988 p 118-122

#### 12.2. Persistence and degradability

No data available

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#### 12.3. Bioaccumulative potential

No data available

#### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
107-41-5	2-methylpentane-2,4-diol	0,58
68082-29-1	Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine	10,34
25513-64-8	3,3,5-trimethylhexylenediamine; 3,3,5-trimethyl hexamethylene-diamine	-0.3
10563-29-8	N'-(3-aminopropyl)-N,N-dimethylpropane-1,3-diamine	-0,56
104-15-4	p-toluenesulphonic acid (containing a maximum of 5 % H2SO4)	0,93
90640-67-8	Amines, polyethylenepoly-, triethylenetetramine fraction	-2.9

#### BCF

CAS No	Chemical name	BCF	Species	Source
68082-29-1	Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine	77,4	no data	(2013)

#### 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**

080410 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 other than those mentioned in 08 04 09

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

080410 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 other than those mentioned in 08 04 09

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

080410 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 other than those mentioned in 08 04 09

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### Kisling - 7429 - Component B 7430

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#### 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:** UN 3259  
**14.2. UN proper shipping name:** AMINES, SOLID, CORROSIVE, N.O.S. (2,2,4(or 2,4,4)-trimethylhexane-1,6-diamine)  
**14.3. Transport hazard class(es):** 8  
**14.4. Packing group:** II  
 Hazard label: 8



Classification code: C8  
 Special Provisions: 274  
 Limited quantity: 1 kg  
 Excepted quantity: E2  
 Transport category: 2  
 Hazard No: 80  
 Tunnel restriction code: E

#### Inland waterways transport (ADN)

**14.1. UN number or ID number:** UN 3259  
**14.2. UN proper shipping name:** AMINES, SOLID, CORROSIVE, N.O.S. (2,2,4(or 2,4,4)-trimethylhexane-1,6-diamine)  
**14.3. Transport hazard class(es):** 8  
**14.4. Packing group:** II  
 Hazard label: 8



Classification code: C8  
 Special Provisions: 274  
 Limited quantity: 1 kg  
 Excepted quantity: E2

#### Marine transport (IMDG)

**14.1. UN number or ID number:** UN 3259  
**14.2. UN proper shipping name:** AMINES, SOLID, CORROSIVE, N.O.S. (2,2,4(or 2,4,4)-trimethylhexane-1,6-diamine)  
**14.3. Transport hazard class(es):** 8  
**14.4. Packing group:** II  
 Hazard label: 8



Special Provisions: 274  
 Limited quantity: 1 kg  
 Excepted quantity: E2  
 EmS: F-A, S-B

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Segregation group: 18 - alkalis

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

**14.1. UN number or ID number:** UN 3259  
**14.2. UN proper shipping name:** AMINES, SOLID, CORROSIVE, N.O.S. (2,2,4(or 2,4,4)-trimethylhexane-1,6-diamine)  
**14.3. Transport hazard class(es):** 8  
**14.4. Packing group:** II  
 Hazard label: 8



Special Provisions: A3 A803  
 Limited quantity Passenger: 5 kg  
 Passenger LQ: Y844  
 Excepted quantity: E2  
 IATA-packing instructions - Passenger: 859  
 IATA-max. quantity - Passenger: 15 kg  
 IATA-packing instructions - Cargo: 863  
 IATA-max. quantity - Cargo: 50 kg

#### 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 75

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). 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

#### 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

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  
 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

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

Classification	Classification procedure
Repr. 2; H361d	Calculation method
Skin Corr. 1A; H314	Calculation method
Eye Dam. 1; H318	Calculation method
Skin Sens. 1; H317	Calculation method
Aquatic Chronic 3; H412	Calculation method

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

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.
H335	May cause respiratory irritation.
H361d	Suspected of damaging the unborn child.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

#### 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.

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