

Trade name: Comperlan KD/Kokosfettsäurediaeth

Substance number: 261455

Version: 2 / CH

Date revised: 01.10.2019

Replaces Version: 1 / CH

Print date: 01.10.19

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

1.1. Product identifier

Comperlan KD/Kokosfettsäurediaeth
Item No. 26145500

Registration no.

Registration no. 01-2119489409-22-0000

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

Hänseler AG
Industriestrasse 35
9100 Herisau
Telephone no. 0041 (0)71 353 58 58
E-mail address of
person responsible
for this SDS sdb@haenseler.ch

1.4. Emergency telephone number

Switzerland :145 / Abroad +41 (0)44 251 51 51

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)

Skin Irrit. 2	H315
Eye Dam. 1	H318
Aquatic Chronic 2	H411

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008
For explanation of abbreviations see section 16.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Danger

Hazard statements

H315	Causes skin irritation.
H411	Toxic to aquatic life with long lasting effects.
H318	Causes serious eye damage.

Precautionary statements

P264.1	Wash hands thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

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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 or doctor.

P501.3

Disposal in compliance with local and national regulations.

P362+P364

Take off contaminated clothing and wash it before reuse.

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

contains

Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl)

SECTION 3: Composition/information on ingredients**3.1. Substances****Hazardous ingredients****Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl)**

CAS No.	90622-74-5	
EINECS no.	292-477-9	
Registration no.	01-2119489409-22-0000	
Concentration	>= 50	%
Classification (Regulation (EC) No. 1272/2008)		
	Skin Irrit. 2	H315
	Eye Dam. 1	H318
	Aquatic Chronic 2	H411

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

No special measures necessary.

After inhalation

No special measures required.

After skin contact

Remove contaminated clothing. After contact with skin, wash immediately with plenty of water.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Eye treatment by an Oculist.

After ingestion

Rinse out mouth and give plenty of water to drink.

4.3. Indication of any immediate medical attention and special treatment needed**Hints for the physician / treatment**

Treat symptomatically

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**recommended: alcohol resistant foam, CO₂, powders, water spray/mist, Water spray jet**5.2. Special hazards arising from the substance or mixture**

Fire will produce dense black smoke.

5.3. Advice for firefighters

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Special protective equipment for fire-fighting

Use personal protective clothing.

Other information

Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Use personal protective clothing.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

Pick up with absorbent material (eg sand, kieselgur, acid binder, universal binder). Pump off large amounts. When picked up, treat material as prescribed under Section 13 "Disposal".

6.4. Reference to other sections

Information regarding Safe handling, see Section 7. Information regarding personal protective measures, see Section 8. Information regarding waste disposal, see Section 13.

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Observe the usual precautions for handling chemicals.

Advice on protection against fire and explosion

Take action to prevent static discharges. Keep away from sources of heat and ignition.

7.2. Conditions for safe storage, including any incompatibilities**Recommended storage temperature**

Value	20	30	°C
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Requirements for storage rooms and vessels

Only use containers that are approved specifically for the substance/product. Keep tightly closed in a dry and cool place.

Further information on storage conditions

Do not keep at temperatures below 20 °C. Keep at temperature not exceeding 30 °C. Protect from atmospheric moisture and water.

7.3. Specific end use(s)

Manufacture of cosmetics

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Derived No/Minimal Effect Levels (DNEL/DMEL)****Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl)**

Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	4.16	mg/kg

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Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	73.4	mg/kg

Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Local effects	
Concentration	0.09	mg/cm ²

Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	2.5	mg/kg

Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	21.73	mg/m ³

Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	oral	
Mode of action	Systemic effects	
Concentration	6.25	mg/kg

Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Local effects	
Concentration	0.056	mg/kg

Predicted No Effect Concentration (PNEC)

Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl)

Type of value	PNEC	
Type	Freshwater	
Concentration	0.007	mg/l

Type of value	PNEC	
Type	Saltwater	
Concentration	0.0007	mg/l

Type of value	PNEC	
Conditions	Intermittend	
Concentration	0.024	mg/l

Type of value	PNEC	
Type	Sewage treatment plant (STP)	
Concentration	830	mg/l

Type of value	PNEC	
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Type	Sediment		
Concentration	0.161		mg/kg
Type of value	PNEC		
Type	Soil		
Concentration	0.28		mg/kg

8.2. Exposure controls

General protective and hygiene measures

Provide adequate ventilation. Observe the usual precautions for handling chemicals. Do not eat, drink or smoke during work time.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment. Breathing apparatus in the event of aerosol, mist or fume formation.

Hand protection

The glove material must be sufficient impermeable and resistant to the substance. Check the tightness before wear. Gloves should be well cleaned before being removed, then stored in a well ventilated location.

Appropriate Material	viton		
Breakthrough time	>	480	min

Eye protection

Tightly fitting safety glasses

Body protection

Clothing as usual in the chemical industry. Protective clothing; Boots; apron

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	liquid			
Colour	yellowish			
Odour	characteristic			
pH value				
Value	9	to	11	
Temperature	20	°C		
Method	ISO 4316			
Melting point				
Value	-41	to	-18	°C
Pressure	1.013	hPa		
Initial boiling point and boiling range				
Remarks	No data available			
Flash point				
Value	193	to	195	°C
Method	DIN ISO 2592			
Vapour pressure				
Remarks	not determined			
Density				
Value	0.98	to	1.00	g/cm ³
Temperature	20	°C		
Solubility in water				

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Remarks insoluble

Partition coefficient: n-octanol/water

log Pow 4.2

Ignition temperature

Remarks No data available

Auto-ignition temperature

Remarks No data available

Decomposition temperatureValue \geq 261 °C**Explosive properties**

evaluation no

Oxidising properties

Remarks Not applicable

9.2. Other information**Burning test**

Remarks Not applicable

Other information

The product is not dangerous for explosions.

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

No decomposition if stored and applied as directed.

10.2. Chemical stability

Stable under recommended storage and handling conditions (see section 7).

10.3. Possibility of hazardous reactions

No decomposition if stored and applied as directed.

10.4. Conditions to avoid

Stable under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No decomposition if stored and applied as directed.

10.6. Hazardous decomposition products

None under normal use.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute oral toxicity (Components)****Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl)**

Species	rat	
LD50	> 5000	mg/kg
Method	EEC 84/449, B.1	

Acute dermal toxicity (Components)**Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl)**

Species	rabbit	
LD50	> 2000	mg/kg

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Skin corrosion/irritation (Components)**Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl)**

Species	rabbit
evaluation	irritant
Method	OECD 404

Serious eye damage/irritation (Components)**Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl)**

Species	rabbit
evaluation	irritant - risk of serious damage to eyes
Method	Draize method

SECTION 12: Ecological information**12.1. Toxicity****Fish toxicity (Components)****Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl)**

Species	zebra fish (Brachydanio rerio)
LC50	> 1 to 10
Method	ISO 7346/2 (semistatic)

Daphnia toxicity (Components)**Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl)**

Species	Daphnia magna
NOEC	> 0.01 to 0.1 mg/l
Duration of exposure	21 d
Remarks	Test conducted with a similar formulation.

Bacteria toxicity (Components)**Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl)**

Species	Pseudomonas putida
EC0	> 100 mg/l
Method	OECD 209

12.2. Persistence and degradability**General information**

Do not allow it to reach soil, ground water, water bodies or sewage system.

12.3. Bioaccumulative potential**Partition coefficient: n-octanol/water**

log Pow 4.2

Octanol/water partition coefficient (log Pow) (Components)**Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl)**

log Pow	4.2
Temperature	25 °C

12.5. Results of PBT and vPvB assessment**Evaluation of persistence and bioaccumulation potential**

The Substance doesn't meets PBT/vPvB-criteria

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

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Disposal recommendations for the product

Disposal in compliance with local and national regulations.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
Tunnel restriction code	-		
14.1. UN number	3082	3082	3082
14.2. UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl))	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl))
14.3. Transport hazard class(es)	9	9	9
Label			
14.4. Packing group	III	III	III
Limited Quantity	5 l		
Transport category	3		

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Water Hazard Class (Germany)**Water Hazard Class
(Germany)

WGK 3

Remarks

Classification according to Annex 4 VwVwS

SECTION 16: Other information**Hazard statements listed in Chapter 3**

H315

Causes skin irritation.

H318

Causes serious eye damage.

H411

Toxic to aquatic life with long lasting effects.

CLP categories listed in Chapter 3

Aquatic Chronic 2

Hazardous to the aquatic environment, chronic, Category 2

Eye Dam. 1

Serious eye damage, Category 1

Skin Irrit. 2

Skin irritation, Category 2

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***

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This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.