



Safety Data Sheet Cleanicident

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name : Cleanicident

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

Relevant identified uses

Use of the substance/mixture : Preparation intended for cosmetic use

Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier

KERRHAWE S.A.
Via Strecce n°4
6934 Bioggio (Switzerland)
T 00-800-41-050-505

Manufacturer

KERRHAWE S.A.
Via Strecce n°4
6934 Bioggio (Switzerland)
T 00-800-41-050-505

Contact person : safety@kerrhawe.com - tel. 00-800-41-050-505 (08.00-17.00)

1.4. Emergency telephone number

Emergency number : CHEMTREC® Emergency Call Center. Emergency Telephone Number (for USA only) 001-800-424-9300 International and Maritime Telephone Number +1 (703) 527-3887

Country	Organisation/Company	Address	Emergency number
Gibraltar	GHA Call Centre Zone 2, Level3, St Bernard's Hospital	Harbour Views Road	+350 200 79700 +350 200 72266
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)
Malta	Medicines & Poisons Info Office	Mater Dei Hospital MSD Msida	+356 2545 6504
United Kingdom	National Poisons Information Service (Newcastle Unit)	Claremont Place Newcastle-upon-Tyne, Newcastle	+44 191 2606182/+44 191 2606180 24H

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flam. Liq. Not classified

Eye Irrit. 2 H319

Full text of hazard classes and H-statements : see section 16

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) : Warning

Hazard statements (CLP) : H319 - Causes serious eye irritation

Precautionary statements (CLP)	: P264 - Wash hands thoroughly after handling P280 - Wear eye protection, protective gloves P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P337+P313 - If eye irritation persists: Get medical advice/attention
EUH-statements	: EUH032 - Contact with acids liberates very toxic gas EUH208 - Contains trans-menthone. May produce an allergic reaction
Extra phrases	: The product is a cosmetic product and therefore not subject to labelling (EU-regulation 1272/2008, article 1, paragraph 5c).

A safety data sheet is not required for this product under Article 31 of REACH. This Product Safety Information Sheet has been created on a voluntary basis

2.3. Other hazards

Other hazards not contributing to the classification : Contact with acids liberates very toxic gas. Hydrogen fluoride.

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Glycerol substance with national workplace exposure limit(s) (GB, IE)	(CAS-No.) 56-81-5 (EC-No.) 200-289-5	10 - 50	Not classified
silicon dioxide substance with a Community workplace exposure limit substance with national workplace exposure limit(s) (GB, IE)	(CAS-No.) 112926-00-8 (EC-No.) 231-545-4 (REACH-no) 01-2119379499-16	1 - 30	Not classified
silica, amorphous, crystalline-free substance with national workplace exposure limit(s) (GB, IE)	(CAS-No.) 112945-52-5 (EC-No.) 601-216-3 (REACH-no) N/A	1 - 30	Not classified
titanium dioxide substance with a Community workplace exposure limit substance with national workplace exposure limit(s) (GB, IE)	(CAS-No.) 13463-67-7 (EC-No.) 236-675-5 (REACH-no) 01-2119489379-17	1 - 5	Not classified
Sodium N-lauroylsarcosinate	(CAS-No.) 137-16-6 (EC-No.) 205-281-5	1 - 1.5	Acute Tox. 2 (Inhalation:dust,mist), H330 Skin Irrit. 2, H315 Eye Dam. 1, H318
Sulfuric acid, mono-C12-18-alkyl esters, sodium salts	(CAS-No.) 68955-19-1 (EC-No.) 273-257-1	1 - 1.5	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412
sodium fluoride	(CAS-No.) 7681-49-4 (EC-No.) 231-667-8 (EC Index-No.) 009-004-00-7 (REACH-no) 01-2119539420-47	< 0.5	Acute Tox. 3 (Oral), H301 Eye Irrit. 2, H319 Skin Irrit. 2, H315
trans-menthone	(CAS-No.) 89-80-5 (EC-No.) 201-941-1 (REACH-no) N/A	<1	Skin Irrit. 2, H315 Skin Sens. 1, H317

Full text of H-statements: see section 16

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if pain, blinking or redness persists.

First-aid measures after ingestion : On ingestion in large quantities: Drink plenty of water, Get medical advice/attention. Rinse mouth. Do NOT induce vomiting.

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

Symptoms/effects after eye contact : Causes serious eye irritation.

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

No specific measures identified.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire. Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Non flammable.

Hazardous decomposition products in case of fire : Carbon dioxide. Carbon monoxide. fluorinated compounds.

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.

Protection during firefighting : Do not enter fire area without proper personal protective equipment, including respiratory protection.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Protective equipment : See Heading 8.

Emergency procedures : Evacuate unnecessary personnel.

For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

No additional information available

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections

For further information refer to section 13. See Heading 8. Exposure controls and personal protection.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

No additional information available

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a dry place. Store in a closed container. Keep cool. Store in original container. Keep container closed when not in use.

Incompatible materials : Acids.

7.3. Specific end use(s)

No additional information available

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

titanium dioxide (13463-67-7)		
EU	Local name	Titanium dioxide
EU	Notes	SCOEL Recommendations (Ongoing)
Ireland	Local name	Titanium dioxide
Ireland	OEL (8 hours ref) (mg/m ³)	10 mg/m ³ total inhalable dust 4 mg/m ³ respirable dust
United Kingdom	Local name	Titanium dioxide
United Kingdom	WEL TWA (mg/m ³)	4 mg/m ³ respirable 10 mg/m ³ total inhalable
sodium fluoride (7681-49-4)		
Ireland	OEL (8 hours ref) (mg/m ³)	2.5 mg/m ³
Glycerol (56-81-5)		
Ireland	Local name	Glycerol, mist
Ireland	OEL (8 hours ref) (mg/m ³)	10 mg/m ³

Glycerol (56-81-5)		
United Kingdom	Local name	Glycerol
United Kingdom	WEL TWA (mg/m ³)	10 mg/m ³ mist
silicon dioxide (112926-00-8)		
EU	Local name	Silica crystalline (Quartz)
EU	Notes	SCOEL Recommendations (2003)
Ireland	Local name	Quartz, respirable dust, (see Silica, crystalline)
Ireland	OEL (8 hours ref) (mg/m ³)	0.1 mg/m ³
United Kingdom	Local name	Silica
United Kingdom	WEL TWA (mg/m ³)	0.1 mg/m ³ respirable crystalline
silica, amorphous, crystalline-free (112945-52-5)		
Ireland	Local name	Silica, amorphous respirable dust
Ireland	OEL (8 hours ref) (mg/m ³)	2.4 mg/m ³
United Kingdom	Local name	Silica, amorphous
United Kingdom	WEL TWA (mg/m ³)	6 mg/m ³ inhalable dust 2.4 mg/m ³ respirable dust

8.2. Exposure controls

- Personal protective equipment : Avoid all unnecessary exposure.
- Hand protection : Not required for normal conditions of use
- Eye protection : Not required
- Skin and body protection : Not required
- Respiratory protection : Not required
- Other information : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke during use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

- Physical state : Liquid
- Appearance : Paste.
- Colour : white.
- Odour : mint.
- Odour threshold : Not determined
- pH : Not determined
- Relative evaporation rate (butylacetate=1) : Not determined
- Melting point : Not determined
- Freezing point : Not determined
- Boiling point : Not determined
- Flash point : Not determined
- Auto-ignition temperature : Not determined
- Decomposition temperature : Not determined
- Flammability (solid, gas) : Non flammable
- Vapour pressure : Not determined
- Relative vapour density at 20 °C : Not determined
- Relative density : Not determined.
- Solubility : Not determined.
- Log Pow : Not determined
- Viscosity, kinematic : Not determined
- Viscosity, dynamic : Not determined
- Explosive properties : Not explosive.
- Oxidising properties : Non flammable.
- Explosive limits : Not determined

9.2. Other information

- Additional information : None to our knowledge.

SECTION 10: STABILITY AND REACTIVITY**10.1. Reactivity**

None to our knowledge.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No polymerization. Contact with acids liberates toxic gas. Hydrogen fluoride.

10.4. Conditions to avoid

None to our knowledge.

10.5. Incompatible materials

Acids.

10.6. Hazardous decomposition products

No decomposition if stored and used normally.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects**

Acute toxicity : Not classified

titanium dioxide (13463-67-7)	
LD50 oral rat	> 100000 mg/kg
Glycerol (56-81-5)	
LD50 oral rat	12600 mg/kg
LD50 dermal rabbit	> 10000 mg/kg
silicon dioxide (112926-00-8)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 5000 mg/kg
silica, amorphous, crystalline-free (112945-52-5)	
LD50 oral rat	> 3160 mg/kg
Sulfuric acid, mono-C12-18-alkyl esters, sodium salts (68955-19-1)	
LD50 oral rat	2600 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
Menthol (89-78-1)	
LD50 oral rat	2900 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
(R)-p-mentha-1,8-diene, d-limonene (5989-27-5)	
LD50 oral rat	4400 mg/kg
LD50 dermal rabbit	> 5000
(R)-p-mentha-1,8-diene, d-limonene (5989-27-5)	
LD50 oral rat	4400 mg/kg
LD50 dermal rabbit	> 5000
beta-pinene (127-91-3)	
LD50 oral rat	4700 mg/kg
Geraniol (106-24-1)	
LD50 oral rat	3600 mg/kg
LD50 dermal rabbit	> 5000 mg/kg

Skin corrosion/irritation	: Not classified Based on available data, the classification criteria are not met pH: Not determined
Serious eye damage/irritation	: Causes serious eye irritation. pH: Not determined
Respiratory or skin sensitisation	: Not classified Based on available data, the classification criteria are not met
Germ cell mutagenicity	: Not classified Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified Based on available data, the classification criteria are not met

Reproductive toxicity	: Not classified Based on available data, the classification criteria are not met
STOT-single exposure	: Not classified Based on available data, the classification criteria are not met
STOT-repeated exposure	: Not classified Based on available data, the classification criteria are not met
Aspiration hazard	: Not classified Based on available data, the classification criteria are not met
Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

titanium dioxide (13463-67-7)	
LC50 fish 1	> 1000 mg/l Fundulus heteroclitus
EC50 Daphnia 1	> 1000 mg/l (48 hours - Daphnia magna)
Glycerol (56-81-5)	
LC50 fish 1	67500 mg/l (96 hours - Rainbow trout)
IC50 algae	2900 mg/l
Sulfuric acid, mono-C12-18-alkyl esters, sodium salts (68955-19-1)	
LC50 fish 1	3 mg/l 96 h Leuciscus idus (golden orfe)
EC50 Daphnia 1	56 mg/l (48 hours - Daphnia magna)
Menthol (89-78-1)	
LC50 fish 1	96 mg/l
(R)-p-mentha-1,8-diene, d-limonene (5989-27-5)	
LC50 fish 1	0.7 mg/l 96h (Pimephales promelas)
EC50 Daphnia 1	0.73 mg/l 48h (Daphnia pulex)
(R)-p-mentha-1,8-diene, d-limonene (5989-27-5)	
LC50 fish 1	0.7 mg/l 96h (Pimephales promelas)
EC50 Daphnia 1	0.73 mg/l 48h (Daphnia pulex)
eugenol (97-53-0)	
LC50 fish 1	24 mg/l (96 hours - Pimephales promelas)
beta-pinen (127-91-3)	
IC50 algae	0.6 mg/l
Geraniol (106-24-1)	
LC50 fish 1	9.8 - 19.9 mg/l (96 hours - Brachydanio rerio, zebra-fish)

12.2. Persistence and degradability

Cleanicdent	
Persistence and degradability	Not established.
Glycerol (56-81-5)	
Chemical oxygen demand (COD)	1
Biodegradation	63 % (OECD 301C method)
Sulfuric acid, mono-C12-18-alkyl esters, sodium salts (68955-19-1)	
Biodegradation	100 % (28 days, method: OECD 301E)
Geraniol (106-24-1)	
Biodegradation	73 % (OECD 301D method)

12.3. Bioaccumulative potential

Cleanicdent	
Log Pow	Not determined
Bioaccumulative potential	Not established.
Glycerol (56-81-5)	
Bioconcentration factor (BCF REACH)	0.017
Log Pow	-1.76
Menthol (89-78-1)	
Bioconcentration factor (BCF REACH)	69.18

Menthol (89-78-1)	
Log Pow	3.3
(R)-p-mentha-1,8-diene, d-limonene (5989-27-5)	
Bioconcentration factor (BCF REACH)	660.69
Log Pow	4.23
(R)-p-mentha-1,8-diene, d-limonene (5989-27-5)	
Bioconcentration factor (BCF REACH)	660.69
Log Pow	4.23
eugenol (97-53-0)	
Bioconcentration factor (BCF REACH)	11.22
Log Pow	2.27
beta-pinen (127-91-3)	
Bioconcentration factor (BCF REACH)	718
Log Pow	412
Geraniol (106-24-1)	
Bioconcentration factor (BCF REACH)	93.33
Log Pow	3.47

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

Cleanicdent
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Other adverse effects

Other adverse effects : None to our knowledge.
 Additional information : No other effects known. Avoid release to the environment

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Regional legislation (waste) : Dispose of contents/container in accordance with licensed collector's sorting instructions.
 Waste treatment methods : Do not discharge into drains.
 Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.
 Ecology - waste materials : Avoid release to the environment.
 European List of Waste (LoW) code : 18 01 07 - chemicals other than those mentioned in 18 01 06

SECTION 14: TRANSPORT INFORMATION

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number
Not regulated for transport
14.2. UN proper shipping name
14.3. Transport hazard class(es)
14.4. Packing group
14.5. Environmental hazards
No supplementary information available

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

IBC code : Not applicable.

SECTION 15: REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU-Regulations**

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3(b) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10	Cleanicdent - Sulfuric acid, mono-C12-18-alkyl esters, sodium salts - trans-menthone
3(c) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1	Sulfuric acid, mono-C12-18-alkyl esters, sodium salts

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

National regulations

EC-regulation 2015/830 /EC, 1907/2006/EC (REACH), 1272/2008/EC (CLP), 790/2009/EC. Transport of dangerous goods (ADR/RID, IMDG, IATA/ICAO). Workplace exposure limits.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: OTHER INFORMATION

Data sources	: EC-regulation 2015/830 /EC, 1907/2006/EC (REACH), 1272/2008/EC (CLP), 790/2009/EC. Transport of dangerous goods (ADR/RID, IMDG, IATA/ICAO). Workplace exposure limits.
Other information	: None.
Date of issue	: 15/08/2017
Revision date	: 15/08/2017
	:
Date of total revision	: 15/08/2017
Version	: 1.0
Signature	: A. Åsebø Murel

Full text of H- and EUH-statements:

Acute Tox. 2 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 2
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. Not classified	Flammable liquids Not classified
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
H301	Toxic if swallowed
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H330	Fatal if inhaled
H412	Harmful to aquatic life with long lasting effects
EUH032	Contact with acids liberates very toxic gas
EUH208	Contains . May produce an allergic reaction

The information in this safety data sheet is based on information from the manufacturer/supplier, present european and national legislation, and presupposes that the product is used within the specified area of application.