



Safety Data Sheet

Cleanic prophy paste for cleaning and polishing mint flavour without fluoride - jar

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

1.1. Product identifier

Product name : Cleanic prophy paste for cleaning and polishing mint flavour without fluoride - jar

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 dental medical 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]

Eye Dam. 1 H318

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) :



GHS05

Signal word (CLP) : Danger

Hazardous ingredients : Docusate sodium

Hazard statements (CLP) : H318 - Causes serious eye damage

Precautionary statements (CLP)	: P280 - Wear eye 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 or doctor/physician
EUH-statements	: EUH208 - Contains p-menthan-3-one. May produce an allergic reaction
Extra phrases	: 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 The product is seen as a medical device and therefore not subject to labelling (EU-regulation 1272/2008, article 1, paragraph 5d).

2.3. Other hazards

Other hazards not contributing to the classification : None under normal conditions.

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]
Propane-1,2-diol substance with national workplace exposure limit(s) (GB, IE)	(CAS-No.) 57-55-6 (EC-No.) 200-338-0 (REACH-no) 01-2119456809-23	20 - 50	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;13463-67-7 (EC-No.) 236-675-5 (REACH-no) 01-2119489379-17	< 5	Not classified
Docusate sodium	(CAS-No.) 577-11-7 (EC-No.) 209-406-4 (REACH-no) 01-2119491296-29	1 - 5	Skin Irrit. 2, H315 Eye Dam. 1, H318
silicon dioxide substance with national workplace exposure limit(s) (GB, IE)	(CAS-No.) 7631-86-9 (EC-No.) 231-545-4 (REACH-no) 01-2119379499-16	1 - 5	Not classified
p-menthan-3-one	(CAS-No.) 10458-14-7 (EC-No.) 233-944-9	< 0.263	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 general	: Move to fresh air. Get medical attention if any discomfort continues.
First-aid measures after inhalation	: Assure fresh air breathing. Allow the victim to rest.
First-aid measures after skin contact	: Gently wash with plenty of soap and water. Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
First-aid measures after ingestion	: On ingestion in large quantities: Drink plenty of water, Get medical advice/attention. Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

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

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

No specific measures identified.

SECTION 5: FIRE-FIGHTING 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. Oxides of: fluorinated compounds.

5.3. Advice for firefighters

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

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

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

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

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.

Hygiene measures : Wash hands thoroughly after handling.

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;13463-67-7)		
EU	Local name	Titanium dioxide
EU	Notes	SCOEL Recommendations (Ongoing)
Ireland	Local name	Titanium dioxide
Ireland	OEL (8 hours ref) (mg/m³)	10 mg/m³ total inhalable dust 4 mg/m³ respirable dust
United Kingdom	Local name	Titanium dioxide
United Kingdom	WEL TWA (mg/m³)	4 mg/m³ respirable 10 mg/m³ total inhalable
Propane-1,2-diol (57-55-6)		
Ireland	Local name	Propane-1,2-diol
Ireland	OEL (8 hours ref) (mg/m³)	470 mg/m³
Ireland	OEL (8 hours ref) (ppm)	10 ppm particulates
United Kingdom	Local name	Propane-1,2-diol
United Kingdom	WEL TWA (mg/m³)	10 mg/m³ particulates 474 mg/m³ total vapour and particulates
United Kingdom	WEL TWA (ppm)	150 ppm total vapour and particulates
silicon dioxide (7631-86-9)		
Ireland	OEL (8 hours ref) (mg/m³)	2.4 mg/m³

silicon dioxide (7631-86-9)		
United Kingdom	Local name	Silica, amorphous : respirable dust
United Kingdom	WEL TWA (mg/m ³)	2.4 mg/m ³

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	: light blue.
Odour	: mint.
Odour threshold	: Not determined
pH	: 6.5 - 7.5
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	: 1.2 - 1.35 (g/ml)
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

No incompatible groups noted.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No polymerization.

10.4. Conditions to avoid

None to our knowledge.

10.5. Incompatible materials

None to our knowledge.

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;13463-67-7)	
LD50 oral rat	> 100000 mg/kg
Propane-1,2-diol (57-55-6)	
LD50 oral rat	20000 mg/kg
LD50 dermal rabbit	20800 mg/kg
Docusate sodium (577-11-7)	
LD50 oral rat	> 3000 mg/kg
LD50 dermal rabbit	> 10000 mg/kg
silicon dioxide (7631-86-9)	
LD50 oral rat	> 15000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
(±)-2-isopropyl-5-methylcyclohexanol (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
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: 6.5 - 7.5
Serious eye damage/irritation	: Causes serious eye damage. pH: 6.5 - 7.5
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;13463-67-7)	
LC50 fish 1	> 1000 mg/l <i>Fundulus heteroclitus</i>
EC50 Daphnia 1	> 1000 mg/l (48 hours - <i>Daphnia magna</i>)
Propane-1,2-diol (57-55-6)	
LC50 fish 1	45760 mg/l (96 hours - Rainbow trout)
EC50 Daphnia 1	34400 mg/l (48 hours - <i>Daphnia magna</i>)

Docosate sodium (577-11-7)	
LC50 fish 1	49 mg/l LC50-96 h - fish [mg/l]
EC50 Daphnia 1	10.3 mg/l (48 hours - Daphnia magna)
IC50 algae	39.3 mg/l (72 hours -Desmodesmus subspicatus)
silicon dioxide (7631-86-9)	
LC50 fish 1	5000 mg/l (96 hours - Brachydanio rerio, zebra-fish)
EC50 Daphnia 1	7600 mg/l (48 hours - Ceriodaphnia dubia)
IC50 algae	440 mg/l (IC50, 72 hours - Selenastrum capricornutum)
(±)-2-isopropyl-5-methylcyclohexanol (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)
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

Cleanic prophy paste for cleaning and polishing mint flavour without fluoride - jar	
Persistence and degradability	Not established.
Propane-1,2-diol (57-55-6)	
Chemical oxygen demand (COD)	0.67 g O ₂ /g substance
Biodegradation	70 % BOD ₅
Docosate sodium (577-11-7)	
Biodegradation	91.2 % (OECD 310 method)
Geraniol (106-24-1)	
Biodegradation	73 % (OECD 301D method)

12.3. Bioaccumulative potential

Cleanic prophy paste for cleaning and polishing mint flavour without fluoride - jar	
Log Pow	Not determined
Bioaccumulative potential	Not established.
Propane-1,2-diol (57-55-6)	
Bioconcentration factor (BCF REACH)	3
Log Pow	-0.3
Docosate sodium (577-11-7)	
Bioconcentration factor (BCF REACH)	3.78
(±)-2-isopropyl-5-methylcyclohexanol (89-78-1)	
Bioconcentration factor (BCF REACH)	69.18
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
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

Cleanic prophy paste for cleaning and polishing mint flavour without fluoride - jar

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

Contains no REACH substances with Annex XVII restrictions

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

Indication of changes:

Hazards identification. Label elements. Composition/information on ingredients. Physical and chemical properties.

1.2	Function or use category	Removed	
2.1	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Added	
2.2	Labelling according to	Modified	

	Regulation (EC) No. 1272/2008 [CLP]		
3.2	Composition/information on ingredients	Modified	
9.1	Physical and chemical properties	Modified	

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 : 24/09/2010

Revision date : 30/04/2017

Supersedes : 20/05/2014

Date of total revision : 30/04/2017

Version : 4.0

Signature : A. Åsebø Murel

Full text of H- and EUH-statements:

Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
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.