



SAFETY DATA SHEET

CLEANIC Mint, without Fluoride

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

1.1. Product identifier

Product name CLEANIC Mint, without Fluoride

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

Applications Dental prophylaxis paste.

1.3. Details of the supplier of the safety data sheet

Supplier Kerr Italia S.r.l.
Via Passanti, 332
84018 Scafati (SA) - Italy
Tel: +39-081-850-8311
E-mail: safety@kerrhawe.com

Contact person E-mail: safety@kerrhawe.com (Mobile Phone number 08.00 – 23.00:
+39-340.1721884)

Manufacturer KERRHAWE S.A.
Via Strecce n°4
6934 Bioggio (Switzerland)
Tel: 00-800-41-050-505
E-mail: safety@kerrhawe.com

1.4. Emergency telephone number

Emergency telephone number 112 # The UK National Poisons Emergency number: +44 870 600 6266 WEB:
<http://www.toxbase.org>
CHEMTREC® Emergency Call Center. Emergency Telephone Number (for USA only)
001-800-424-9300
International and Maritime Telephone Number +1 (703) 527-3887

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to directives -
67/548/EEC, 99/45/EC & 2001/58/EC
(DSD/DPD)

Classification according to directive
1272/2008 (CLP)

Hazard The product is seen as a medical device and therefore not subject to labelling,
regulation (EC) no 1272/2008 of the European Parliament and of the Council, article
1d; Medical devices as defined in Directives 90/385/EEC and 93/42/EEC, which are
invasive or used in direct physical contact with the human body, and in Directive
98/79/EC.

2.2. Label elements

CLP

Contains ethanol
glycerol

2.3. Other hazards

Meets the criteria for vPvB No.

Meets the criteria for PBT

No.

Other hazards which do not contribute to classification

No known risks.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Ingredients

Name	EC No.	CAS No.	Content	Symbol	Classification
ethanol	200-578-6	64-17-5	<2 %	F	R-11
glycerol	200-289-5	56-81-5		-	

CLP

Name	REACH No.	Content	Symbol	Classification	CAS No.
ethanol	01-21194576 10-43	<2 %	GHS02, , Danger	Flam. Liq. 2: H225	64-17-5
glycerol	01-21194719 87-18		GHS07, , Warning	Eye Irrit. 2: H319	56-81-5

Section 16 contains detailed classification phrases.

SECTION 4: First aid measures

4.1. Description of first aid measures

General

General first aid, rest, warmth and fresh air. Get medical attention if any discomfort continues.

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

Specific first aid treatment

No specific first aid measures noted.

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

Inhalation

No recommendation given.

Ingestion

Ingestion of large quantities, drink plenty of water to dilute the product.

Skin

Promptly wash contaminated skin with water. Promptly wash contaminated skin with water.

Eyes

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Extinguishing media

Use extinguishing media appropriate for surrounding fire.

Special fire fighting procedures

Avoid water in straight hose stream; will scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards

Non-flammable.

Hazardous combustion products

Carbon monoxide (CO). Carbon dioxide (CO2).

5.3. Advice for firefighters

Protective measures in fire

Wear self-contained breathing apparatus (SCBA) to prevent contact with thermal decomposition products.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal protection	Wear appropriate personal protective equipment - see Section 8.
6.2. Environmental precautions	
Environmental protection	Do not allow to enter drains, sewers or watercourses.
6.3. Methods and material for containment and cleaning up	
Spill cleanup methods	Collect spilled material using mechanical equipment. Post clean with water.
6.4. Reference to other sections	See section 13 for waste handling.

SECTION 7: Handling and storage

7.1. Precautions for safe handling	
Usage precautions	Read and follow manufacturer's recommendations.
7.2. Conditions for safe storage, including any incompatibilities	
Storage precautions	Keep in cool, dry, ventilated storage and closed containers. Keep in original container.
7.3. Specific end use(s)	
Specific use(s)	Contact supplier for more information.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Ingredient name	CAS no.	Reference	LT Exp 8 Hrs	ST Exp 15 Min	Date
ethanol	64-17-5	WEL.	1000/1920 ppm/mg/m ³		
titanium dioxide	13463-67-7	WEL.	10 mg/m ³		

Ingredient comments	WEL = Workplace exposure limits. SK= Skin absorbance, Rep= Reproduction, Carc= Carcinogenic Senz= Sensitisers, Mut= Carcinogenic
Ventilation	No particular ventilation requirements.
8.2. Exposure controls	
Respirators	Respiratory protection not required.
Protective gloves	Hand protection not required.
Eye protection	Under normal conditions of use eye protection is not required.
Other Protection	Wear appropriate clothing to prevent any possibility of skin contact.
Hygienic work practices	Wash at the end of each work shift and before eating, smoking and using the toilet.
DNEL	No data.
PNEC	No data.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties	
Appearance	Paste.
Colour	Light blue.
Odour	Mint.
Solubility description	Insoluble in water.
9.2. Other information	
Safety information	Not known.

SECTION 10: Stability and reactivity

10.1. Reactivity

No reactive groups.

10.2. Chemical stability

Normally stable.

10.3. Possibility of hazardous reactions**Hazardous polymerisation**

Will not polymerise.

10.4. Conditions to avoid

No known hazardous reaction products.

10.5. Incompatible materials**Materials to avoid**

No information.

10.6. Hazardous decomposition products**Hazardous decomp. products**

No hazardous decomposition products are emitted at recommended use and storage conditions.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Sensitization**

No allergic reaction is known.

Genotoxicity

No known heritable or mutagenic effects.

Carcinogenicity

No evidence of carcinogenic properties.

Reproduction toxicity

No known hazardous effects on reproduction, fertility or to the unborn child.

Inhalation

No specific health warnings noted.

Ingestion

Ingestion of large amounts of material may cause a mild irritation to the throat.

Skin

May cause a mild irritation, mainly by mechanical character.

Eyes

May cause a mild irritation, mainly by mechanical character.

COMPONENT:**ethanol****Toxic dose - LD50:**

7060 mg/kg (oral rat)

Toxic dose - LD50 (skin):

>20000 mg/kg (skin rabbit)

Toxic conc. - LC50:

124,7 mg/l/4h (inhalation rat)

COMPONENT:**titanium dioxide****Toxic dose - LD50:**

>100000 mg/kg (oral rat)

Toxic dose - LD50 (skin):

>10000 mg/kg (skin rabbit)

Toxic conc. - LC50:

> 4,68 mg/l/4h (inhalation rat)

COMPONENT:**glycerol****Toxic dose - LD50:**

12600 mg/kg (oral rat)

Toxic dose - LD50 (skin):

>10000 mg/kg (skin rabbit)

Toxic conc. - LC50:

>0,570 mg/l/h (inh rat)

SECTION 12: Ecological information**12.1. Toxicity****Ecotoxicity**

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.2. Persistence and degradability

Unknown.

12.3. Bioaccumulative potential

Unknown.

12.4. Mobility in soil

Mobility	The product is insoluble in water.
12.5. Results of PBT and vPvB assessment	
PTB/vPvB	Component(s) is not identified as a PBT or vPvB-substance.
12.6. Other adverse effects	No known information.
COMPONENT:	ethanol
LC 50, 96 Hrs, Fish mg/l:	13500 (Pimephales promelas)
EC 50, 48 Hrs, Daphnia, mg/l:	5400 (Daphnia magna)
IC 50, 72 Hrs, Algae, mg/l:	>10,9 (Skeletonekema costatum)
Bioaccumulative potential	BCF:0,66
Partition coefficient (log Pow)	-0,32
Persistence and degradability	BOD5/COD: 0,4 - 0,8 85 % deg., 28 days, Method: OECD 301D
COMPONENT:	titanium dioxide
LC 50, 96 Hrs, Fish mg/l:	>1000 (Fundulus heteroclitus)
EC 50, 48 Hrs, Daphnia, mg/l:	> 1000 (Daphnia magna)
COMPONENT:	glycerol
LC 50, 96 Hrs, Fish mg/l:	67500 (Oncorhynchus mykiss)
IC 50, 72 Hrs, Algae, mg/l:	2900
Bioaccumulative potential	BCF:0,017
Partition coefficient (log Pow)	-1,76
Persistence and degradability	BOD5/COD: 1 63 % deg., 14 days, Method: OECD 301C 93 % deg., 30 days, Method: OECD 301D

SECTION 13: Disposal considerations

13.1. Waste treatment methods	
General/cleaning	Product is not hazardous waste.
Disposal methods	Dispose of in accordance with Local Authority requirements.
Waste class	18 01 07 chemicals other than those mentioned in 18 01 06

SECTION 14: Transport information

General	No dangerous goods (ADR/RID, IMDG, IATA/ICAO)
ROAD TRANSPORT (ADR):	
14.1. UN number	
14.2. UN proper shipping name	
14.3. Transport hazard class(es)	
RAIL TRANSPORT (RID):	
SEA TRANSPORT (IMDG):	
TRANSPORT BY INLAND WATERWAYS (ADN):	
14.4. Packing group	
14.5. Environmental hazards	
Transport by inland waterways notes	Not applicable.
14.6. Special precautions for user	No particular precautions.
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	No IBC-code for bulk transport offshore (MARPOL).

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU directives**

Diagnostic medical devices, EU-directive 98/79/EC, EU-regulation 1272/2008, article 1, paragraph 5d, EU-regulation 453/2010/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**Chemical Safety Assessment**

Chemical Safety Report (CSR) has not been carried out for this product.

SECTION 16: Other information**Explanations to R-phrases in section 3**

R-11 Highly flammable.

Explanations to classification in section 3

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

DSD/DPD*** Information revised since the previous version of the SDS****Issued by**

Essenticon AS, Leif Weldingsvei 18, N-3208 Sandefjord, Norway. E-mail: post@essenticon.no. Phone.: +47 33 42 34 50 - Fax: +47 33 42 34 59
www.essenticon.com

Date of issue

20.05.2014

Safety Data Sheet status

CLP 03 ATP

Signature

R. E. Lunde

Disclaimer

CAUTION: PRODUCT FOR PROFESSIONAL USE

The information on this Safety Sheet is based on presently available data and to our best knowledge for the correct handling of the product under normal conditions. Any use of this product in any way not indicated on this Sheet or the use of this product together with any other process/procedure will be exclusively under the user's responsibility. This document does not constitute explicit or implicit warranty of product quality or fitness for a particular purpose.