

# Kerr™

## SAFETY DATA SHEET SUPER POLISH

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

#### 1.1. Product identifier

Product name SUPER POLISH

#### 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](mailto:safety@kerrhawe.com)

Contact person E-mail: [safety@kerrhawe.com](mailto: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](mailto: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) EUH210

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

Hazard statements EUH210 Safety data sheet available on request.

#### 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	<1 %	F	R-11

##### CLP

Name	REACH No.	Content	Symbol	Classification	CAS No.
ethanol	01-21194576 10-43	<1 %	GHS02, , Danger	Flam. Liq. 2: H225	64-17-5

Section 16 contains detailed classification phrases.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

**General** Remove victim immediately from source of exposure. 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 specific first aid measures noted.

**Ingestion** Contact physician if larger quantity has been consumed. Promptly get affected personnel to drink large volumes of water to dilute the swallowed chemical.

**Skin** Wash skin with soap and 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.

#### 5.2. Special hazards arising from the substance or mixture

**Specific hazards** Non-flammable.

**Hazardous combustion products** Fire or high temperatures create: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Irritating gases/vapours/fumes.

#### 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 and reclaim or dispose in sealed containers in licensed waste.

#### 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** Avoid spilling, skin and eye contact.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Store at ambient temperature. Keep containers tightly closed. Store at temperature, °C: < 40.

### 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 <sup>3</sup>		
aluminium oxide	1344-28-1	WEL.	10 mg/m <sup>3</sup>		

**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** Rose.

**Odour** Mint.

**Solubility description** Partly soluble in water.

**Density (g/cm<sup>3</sup>)** 1,45 **Temperature (°C)**

**pH-value, diluted solution** 7,5 - 9,0 **Concentration %M** 10 %

### 9.2. Other information

**Safety information** Not known.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

	No reactive groups.
<b>10.2. Chemical stability</b>	
	Stable under normal temperature conditions and recommended use.
<b>10.3. Possibility of hazardous reactions</b>	
<b>Hazardous polymerisation</b>	Will not polymerise.
<b>10.4. Conditions to avoid</b>	
	No known risk factors.
<b>10.5. Incompatible materials</b>	
<b>Materials to avoid</b>	No incompatible groups noted.
<b>10.6. Hazardous decomposition products</b>	
<b>Hazardous decomp. products</b>	No hazardous decomposition products are emitted at recommended use and storage conditions.

## SECTION 11: Toxicological information

<b>11.1. Information on toxicological effects</b>	
<b>Sensitization</b>	No allergic reaction is known.
<b>Genotoxicity</b>	No known heritable or mutagenic effects.
<b>Carcinogenicity</b>	No evidence of carcinogenic properties.
<b>Reproduction toxicity</b>	No known hazardous effects on reproduction, fertility or to the unborn child.
<b>Inhalation</b>	No specific health warnings noted.
<b>Ingestion</b>	Ingestion of large amounts may cause discomfort.
<b>Skin</b>	May cause a mild irritation, mainly by mechanical character.
<b>Eyes</b>	May cause a mild irritation, mainly by mechanical character.
<b>COMPONENT:</b>	<b>ethanol</b>
<b>Toxic dose - LD50:</b>	7060 mg/kg (oral rat)
<b>Toxic dose - LD50 (skin):</b>	>20000 mg/kg (skin rabbit)
<b>Toxic conc. - LC50:</b>	124,7 mg/l/4h (inhalation rat)

## SECTION 12: Ecological information

<b>12.1. Toxicity</b>	
<b>Ecotoxicity</b>	No data on possible environmental effects have been found.
<b>12.2. Persistence and degradability</b>	
	Unknown.
<b>12.3. Bioaccumulative potential</b>	
	Unknown.
<b>12.4. Mobility in soil</b>	
<b>Mobility</b>	The product is insoluble in water.
<b>12.5. Results of PBT and vPvB assessment</b>	
<b>PTB/vPvB</b>	Component(s) is not identified as a PBT or vPvB-substance.
<b>12.6. Other adverse effects</b>	
	No known information.

<b>COMPONENT:</b>	<b>ethanol</b>
<b>LC 50, 96 Hrs, Fish mg/l:</b>	13500 (Pimephales promelas)
<b>EC 50, 48 Hrs, Daphnia, mg/l:</b>	5400 (Daphnia magna)
<b>IC 50, 72 Hrs, Algae, mg/l:</b>	>10,9 (Skeletonema costatum)
<b>Bioaccumulative potential</b>	BCF:0,66
<b>Partition coefficient (log Pow)</b>	-0,32
<b>Persistence and degradability</b>	BOD5/COD: 0,4 - 0,8 85 % deg., 28 days, Method: OECD 301D

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

<b>General/cleaning</b>	Product is not hazardous waste.
<b>Disposal methods</b>	Dispose of in accordance with Local Authority requirements.
<b>Waste class</b>	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.

### 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.