



SAFETY DATA SHEET

HYDROCK (White & Yellow)

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

1.1. Product identifier

Product name HYDROCK (White & Yellow)

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 Kerr Italia S.r.l.
Via Passanti, 332
84018 Scafati (SA) - Italy
Tel: +39-081-850-8311
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)

EUH210

Hazard

Not regarded as a health, fire, explosion or environmental hazard under current legislation.

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
calcium sulfate	231-900-3	7778-18-9	60-100 %	-	

CLP

Name	REACH No.	Content	Symbol	Classification	CAS No.
calcium sulfate	01-21194449 18-26	60-100 %			7778-18-9

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

Specific first aid treatment	No specific first aid measures noted.
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4.3. Indication of any immediate medical attention and special treatment needed

Inhalation	Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.
Ingestion	Rinse nose, mouth and throat with water. Contact physician if larger quantity has been consumed.
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.
Special fire fighting procedures	Containers close to fire should be removed or cooled with water.

5.2. Special hazards arising from the substance or mixture

Specific hazards	Non-flammable.
Hazardous combustion products	At temperatures above 1450 °C is formed: Sulphur dioxide. Oxides of: Calcium.

5.3. Advice for firefighters

Protective measures in fire	Firefighters exposed to combustion gases/decomposition products should use a respiratory protective device.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal protection	Wear appropriate personal protective equipment - see Section 8.
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6.2. Environmental precautions

Environmental protection

No special precautions required.

6.3. Methods and material for containment and cleaning up**Spill cleanup methods**

Collect spilled material using mechanical equipment. Inform Authorities if large amounts are involved.

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 inhalation of dust. Wear appropriate personal protective equipment - see Section 8.

7.2. Conditions for safe storage, including any incompatibilities**Storage precautions**

Store dry. Keep in original container. Keep containers tightly closed. Store separated from: Acids.

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
Inert or nuisance dust, inhalable		WEL.	10 mg/m3		

Ingredient comments

WEL = Workplace exposure limits. SK= Skin absorbance, Rep= Reproduction, Carc= Carcinogenic Sens= Sensitisers, Mut= Carcinogenic

Ventilation

Provide adequate general and local exhaust ventilation.

8.2. Exposure controls**Respirators**

In case of inadequate ventilation: D, Dust mask/respirator. Standard EN 149.

Protective gloves

No specific hand protection noted.

Eye protection

Use tight fitting goggles if dust is generated. Standard EN 166.

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**

Powder, dust.

Colour

Yellow white.

Odour

No characteristic odour.

Solubility description

Soluble in water.

Solubility value (g/100g H2O 20°C)

0,15 - 0,40

Density (g/cm3)

0,88 - 1,12

Temperature (°C)**pH-value, diluted solution**

~7

Concentration %M**9.2. Other information****Safety information**

Not known.

SECTION 10: Stability and reactivity

10.1. Reactivity

No reactive groups.

10.2. Chemical stability

Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerisation

Will not polymerise.

10.4. Conditions to avoid

Water, moisture.

10.5. Incompatible materials

Materials to avoid

Acids.

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

Inhalation

High concentrations of dust may irritate throat and respiratory system and cause coughing.

Ingestion

Uncured material may be harmful if swallowed.

Skin

Prolonged or repeated contact may cause irritation.

Eyes

Dust in the eyes will cause irritation.

COMPONENT:

calcium sulfate

Toxic dose - LD50:

>5000 mg/kg (oral rat)

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity

Not classified as dangerous to the environment. However, the product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.

12.2. Persistence and degradability

The product is not readily biodegradable.

12.3. Bioaccumulative potential

The product is not bioaccumulating.

12.4. Mobility in soil

Mobility

Hardens in contact with 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:	calcium sulfate
LC 50, 96 Hrs, Fish mg/l:	873 (Lepomis macrochirus)
EC 50, 48 Hrs, Daphnia, mg/l:	30000 (Daphnia magna)

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 The given EWC-code is a guiding, and the code depends on how the waste is formed. User must evaluate the choice of correct code.
Contaminated packaging	The product packaging must be disposed of in compliance with the country specific regulations.

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.
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15.2. Chemical safety assessment

Chemical Safety Assessment	Chemical Safety Report (CSR) has not been carried out for this product.
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SECTION 16: Other information

Explanations to R-phrases in section 3

Explanations to classification in section 3

DSD/DPD

* Information revised since the previous version of the SDS

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