



according with regulation (EC) 1907/2006 (REACH)

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Hinrisep K**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Commercial product name:** Hinrisep K**1.2 Relevant identified uses of the substance or mixture and uses advised against****Use of the substance/mixture:** Separating agent, based on alginate for isolating plaster against acrylic.**1.3 Details of the supplier of the safety data sheet**

Manufacturer/Supplier: ERNST HINRICHS Dental GmbH
Street / mailbox: Borsigstr. 1
Country code. / postal code / city: D - 38644 Goslar
Phone: 0 53 21 / 5 06 24
Fax: 0 53 21 / 5 08 81
E-mail / Website: info@hinrichs-dental.de / www.hinrichs-dental.de
Further information obtainable from: ERNST HINRICHS Dental GmbH

1.4 Emergency telephone number**ERNST HINRICHS Dental GmbH:** +49 (0) 53 21 / 5 06 24 (Mon-Fri. 8 a.m. – 4 p.m.)**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Regulation (EC) No. 1272/2008:** The product is not classified according to the CLP regulation**Classification according to Regulation (EC) No. 1272/2008****Hazard statements:**

H301 Toxic if swallowed.
H302 Harmful if swallowed.

2.2 Label elements:**Hazardous components which must be listed on the label** No hazardous components**2.3 Other hazards:** No**SECTION 3: Composition/information on ingredients****3.2 Mixtures:****Chemical characterisation:** No information available.**Hazardous components:**

EC-No. CAS-No. Index-No. REACH-No.	Chemical name Classification according to Directive 67/548/EEC Classification according to Regulation (EC) No. 1272/2008 (CLP)	Quantity
-- 56-81-5 200-289-5 --	glycerol Acute Tox. 3, H301	0-5%
-- 6381-92-6 -- --	Ethylendiamintetraessigsäure Dinatriumsalz Acute Tox. 4, H302	0-5%



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Full text of R-, H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1 Description on first aid measures:	
General information:	No special measures required.
After inhalation:	Provide fresh air. When in doubt or if symptoms are observed, get medical advice.
After contact with skin:	Instantly wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.
After contact with eyes:	After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.
After ingestion:	Observe risk of aspiration if vomiting occurs. Rinse mouth immediately and drink plenty of water.
4.2 Most important symptoms and effects, both acute and delayed:	No information available.
4.3 Indication of any immediate medical attention and special treatment needed:	Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media:	Wear protective clothing.
Suitable extinguishing media:	No special measures required.
5.2 Special hazards arising from the substance or mixture:	No further relevant information available.
5.3 Advice for firefighters:	No further relevant information available.
Additional information:	-

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:	Use personal protection equipment.
6.2 Environmental precautions:	Do not allow to enter drainage system, surface or ground water. Do not allow to enter the ground/soil.
6.3 Methods and material for containment and cleaning up:	Dispose of the material collected according to regulations.
6.4 Reference to other sections:	Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling:	
Advice on safe handling:	Store in cool, dry place in tightly closed containers.



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Advice on protection against fire and explosion:

No special requirements.

7.2 Conditions for safe storage, including any incompatibilities:

Requirements for storage rooms and vessels:

No special requirements.

Advice on storage compatibility:

No special requirements.

7.3 Specific end use(s):

Dental prosthesis

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
56-81-5	glycerol		10 mg/m ³			WEL

8.2 Exposure controls:

Appropriate engineering controls:
Protective and hygiene measures:

No special requirements.

The usual precautionary measures should be adhered to in handling the chemicals

Eye/face protection:

Wear eye/face protection.

Hand protection:

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Skin protection:

No special requirements.

Respiratory protection:

No special requirements.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Physical state:

liquid

Colour:

colourless

Odour:

odourless

Changes in the physical state

Test method

pH-Value:

not determined

Initial boiling point/boiling range:

100,0 °C

Steam pressure at 20 °C:

23 hPa

relative density (g/ml)

1

water-soluble (g/l)

not determined

9.2 Other information:

No further relevant information available

SECTION 10: Stability and reactivity

10.1 Reactivity:

No known.



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10.2 Chemical stability:	No decomposition if used and stored according to specifications.
10.3 Possibility of hazardous reactions:	No known hazardous reactions.
10.4 Conditions to avoid:	No further relevant information available.
10.5 Incompatible materials:	No information available.
10.6 Hazardous decomposition products:	No known hazardous decomposition products.

SECTION 11: Toxicological information**11.1 Information on toxicological effects****Acute toxicity:**

Irritation and corrosivity:	No irritant effect.
Sensitising effects:	No sensitizing effect known.
Severe effects after repeated or prolonged exposure:	Based on available data, the classification criteria are not met.
Carcinogenic/mutagenic/toxic effects for reproduction:	Based on available data, the classification criteria are not met.
STOT-single exposure:	Based on available data, the classification criteria are not met.
STOT-repeated exposure:	Based on available data, the classification criteria are not met.
Aspiration hazard:	Based on available data, the classification criteria are not met.
Additional information on tests:	The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

SECTION 12: Ecological information

12.1 Toxicity:	No further relevant information available.
12.2 Persistence and degradability:	No further relevant information available.
12.3 Bioaccumulative potential:	No further relevant information available.
12.4 Mobility in soil:	No further relevant information available.
12.5 Results of PBT and vPvB assessment:	Not applicable.
12.6 Other adverse effects:	No information available.

SECTION 13: Disposal considerations



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Smaller quantities can be disposed with household garbage.

Contaminated packaging:

Disposal must be made according to official regulations.

SECTION 14: Transport information**Land transport (ADR/RID)****14.1 UN-number:**

The product is not subject to ADR/RID/ADN regulations.

14.2 UN proper shipping name:

The product is not subject to ADR/RID/ADN regulations.

14.3 Transport hazard class (es):

The product is not subject to ADR/RID/ADN regulations.

14.4 Packing group:

The product is not subject to ADR/RID/ADN regulations.

Inland waterways transport (ADN):**14.1 UN-number:**

The product is not subject to ADR/RID/ADN regulations.

14.2 UN proper shipping name:

The product is not subject to ADR/RID/ADN regulations.

14.3 Transport hazard class (es):

The product is not subject to ADR/RID/ADN regulations.

14.4 Packing group:

The product is not subject to ADR/RID/ADN regulations.

Marine transport (IMDG):**14.1 UN-number:**

The product is not subject to ADR/RID/ADN regulations.

14.2 UN proper shipping name:

The product is not subject to ADR/RID/ADN regulations.

14.3 Transport hazard class (es):

The product is not subject to ADR/RID/ADN regulations.

14.4 Packing group:

The product is not subject to ADR/RID/ADN regulations.

Air transport (ICAO):**14.1 UN-number:**

The product is not subject to ADR/RID/ADN regulations.

14.2 UN proper shipping name:

The product is not subject to ADR/RID/ADN regulations.

14.3 Transport hazard class (es):

The product is not subject to ADR/RID/ADN regulations.

14.4 Packing group:

The product is not subject to ADR/RID/ADN regulations.

14.5 Environmental hazards:

No data available.

14.6 Special precautions for user:

No data available.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

not relevant

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

Water contaminating class (D): 1 - slightly water contaminating

15.2 Chemical safety assessment:

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information**Abbreviations and acronyms**ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

EU – Safety Data Sheet



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LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

Relevant H and EUH statements (number and full text)

H301 Toxic if swallowed.

H302 Harmful if swallowed.

Further Information:

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.