

According to 1907/2006/EC,
Article 31

Date of issue: 14.04.2014

Printing date: 22.04.2014

Pumice-Sep

1. Identification of the substance / Preparation and Company:

Identification of the substance or preparation:

Commercial product name: Pumice-Sep

Company / Manufacturer:

ERNST HINRICHS GmbH

Borsigstr. 1

D - 38644 Goslar

0 53 21 / 5 06 24

0 53 21 / 5 08 81

info@hinrichs-dental.de / www.hinrichs-dental.de

2. Composition / Information on Ingredients:

2.1 Chemical characterization: Mixture.

Description: Mixture of substances listed below with non-hazardous additions.

2.2 Dangerous components:

CAS: 68391-01-5

EINECS: 269-919-4

The substance is identified by SCA Substance name:

≤ 0,1%



C R34



Xn R22



Skin Corr. 1B, H314;



Acute Tox. 4, H302

Additional information: For the wording of the listed risk phrases refer to section 16.

3. Hazards Identification:

3.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008:

The product is not classified according to the CLP regulation.

3.2 Classification according to Directive 67/548/EEC or Directive 1999/45/EC:

Not applicable.

Information concerning particular hazards for human and environment:

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

3.3 Label elements

Labelling according to Regulation (EC) No 1272/2008:

Void.

Hazard pictograms:

Void.

Signal word:

Void.

Hazard statements:

Void.

Other hazards:

Results of PBT and vPvB assessment:

PBT:

Not applicable.

vPvB:

Not applicable.

4. First aid measures:

4.1 After inhalation:

Supply fresh air; consult doctor in case of complaints.

4.2 After skin contact:

Generally the product does not irritate the skin.

4.3 After eye contact:

Rinse opened eye for several minutes under running water.

4.4 After swallowing:

Rinse out mouth and then drink plenty of water.

5. Fire Fighting measures:

5.1 Suitable extinguishing agents:

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.



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5.2 Special hazards arising from the substance or mixture: No further relevant information available.

5.3 Protective equipment: No special measures required.

6. Accidental release measures:

6.1 Person-related safety precautions: Not required.

6.2 Measures for environmental protection: Dilute with plenty of water.

6.3 Measures for cleaning / collecting: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, saw dust).

7. Handling and Storage:

7.1 Handling:

Information for safe handling: No special measures required.

Information about fire- and explosion protection: No special measures required.

7.2 Storage:

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storing in one common storage facility: Not required.

Further information about storage conditions: None.

8. Exposure controls / Personal protection:

Additional information about design of technical facilities: No further data; see item 7.

8.1 Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists valid during the making were used as basis.

8.2 Personal protective equipment:

General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals.

measures:

Respiratory protection: Not required.

Protection of hands:

The glove material has to be impermeable and resistant to the product / the substance / the preparation. Due to missing tests no recommendation to the glove material can be given for the product / the preparation / the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves: The selection of suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material: The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

As protection from splashes gloves made of the following materials are suitable: Nitrile rubber, NBR

Butyl rubber, BR

Natural rubber, NR.

Eye protection: Goggles recommended during refilling.



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9. Physical and chemical properties:

9.1	General information:	
	Form:	Fluid
	Colour:	Colourless
	Odour:	Recognizable
	Odour threshold:	Not determined.
	pH-value at 20 °C:	< 8
9.2	Change in condition:	
	Melting point / Melting range:	Not determined.
	Boiling point / Boiling range:	100°C
	Flash point:	Not applicable.
	Flammability (solid, gaseous):	Not applicable.
	Ignition temperature:	
	Decomposition temperature:	Not determined.
	Self-igniting:	Product is not self-igniting.
	Danger of explosion:	Product does not present an explosion hazard.
	Explosion limits:	
	Lower:	Not determined.
	Upper:	Not determined.
	Vapour pressure at 20°C:	23 hPa
	Density at 20°C:	1.0 g/cm ³
	Relative density:	Not determined.
	Vapour density:	Not determined.
	Evaporation rate:	Not determined.
	Solubility in / miscibility with water:	Fully miscible.
	Partition coefficient (n-octanol/water):	Not determined.
	Viscosity:	
	Dynamic:	Not determined.
	Kinematic:	Not determined.
	Solvent content:	
	Organic solvents:	0.0 %
	VOC (EC)	0 %
	Solids content:	< 1.0

10. Stability and Reactivity:

10.1	Thermal decomposition / conditions to be avoided:	No decomposition if used according to specifications.
10.2	Dangerous reactions:	No dangerous reactions known.
10.3	Dangerous decomposition products:	No dangerous decomposition products known.

11. Toxicological Information:

11.1	Acute toxicity:	
	Primary irritant effect:	
	On the skin:	No irritant effect.
	On the eye:	No irritant effect.
	Sensitization:	No sensitizing effects known.
11.2	Additional toxicological information:	The product is not subject to classification according to the calculation method of the General EU 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 to our experience and the information provided to us.

12. Ecological Information:

EU – Safety Data Sheet



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| 12.1 Aquatic toxicity: | No further relevant information available. |
| Persistence and degradability: | No further relevant information available. |
| Bioaccumulative potential: | No further relevant information available. |
| Mobility in soil: | No further relevant information available. |

- | | |
|---|-------------------------------------|
| 12.2 Additional ecological information: | |
| General notes: | Not known to be hazardous to water. |
| Results of PBT and vPvB assessment: | |
| PBT: | Not applicable. |
| vPvB: | Not applicable. |

13. Disposal Considerations:

- | | |
|--------------------------------|---|
| 13.1 Product - Recommendation: | Smaller quantities can be disposed of with household waste. |
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13.2 European waste catalogue:

20 00 00	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS.
20 03 00	Other municipal wastes.
20 03 01	Mixed municipal waste.

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| 13.3 Uncleaned packaging – Recommendation: | Disposal must be made according to official regulations. |
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| 13.4 Recommended cleaning agents: | Water, if necessary together with cleaning agents. |
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14. Transport Information:

- | | |
|--|--|
| UN-Number: | - |
| UN proper shipping name: | - |
| Hazard class: | - |
| Packaging group: | - |
| Environmental hazards: | - |
| Marine pollutant: | No. |
| Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: | Not applicable. |
| Transport/Additional information: | Not dangerous according to the above specifications. |
| ADR: | |
| Limited quantities (LQ): | - |
| Transport category: | - |

15. Regulatory Information:

- | | |
|--|--|
| Labelling according to Regulation (EC) No 1272/2008: | Void. |
| Hazard pictograms: | Void. |
| Signal word: | Void. |
| Hazard statements: | Void. |
| Chemical safety assessment: | A Chemical Safety Assessment has not been carried out. |

16. Further Information:

This information is based on our present knowledge. However this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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| 16.1 Relevant R-phrases: | |
| H302 | Harmful if swallowed. |
| H314 | Causes severe skin burns and eye damage. |
| R22 | Harmful if swallowed. |
| R34 | Causes burns. |