



according to 1907/2006/EC, Article 31
Date of issue: 25-Nov-15

page 1 of 5
replaced copy from: 14.04.2014

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 Dental 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
Responsible department: ERNST HINRICHS Dental GmbH





2. Hazards identification:

- 2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008: The product is not classified according to the CLP regulation.
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.
- 2.2 Label elements
Labelling according to Regulation (EC) No 1272/2008: Void
Hazard pictograms: Void
Signal word: Void
Hazard statements: Void
- 2.3 Other hazards:
Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.

3. Composition/ Information on ingredients:

- 3.1 Chemical characterization: Mixtures
Description: Mixture of substances listed below with nonhazardous additions.

3.2 Dangerous components:

CAS: 68391-01-5 EINECS: 269-919-4	This substance is identified by SDA Substance Name:  C R34;  Xn R22	< 0.1%
	 Skin Corr. 1B, H314;  Acute Tox. 4, H302	

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

4. First aid measures:

- 4.1 Description of first aid measures
General information: No special measures required.
After inhalation: Supply fresh air; consult doctor in case of complaints.
After skin contact: Generally the product does not irritate the skin.
After eye contact: Rinse opened eye for several minutes under running water.
After swallowing: Rinse out mouth and then drink plenty of water.
- 4.2 Information for doctor
Most important symptoms and effects, both acute and delayed: No further relevant information available.



according to 1907/2006/EC, Article 31
Date of issue: 25-Nov-15

page 2 of 5
replaced copy from: 14.04.2014

Pumice-Sep

Indication of any immediate medical attention and special treatment needed: No further relevant information available.

5. Firefighting measures:

- 5.1 Extinguishing media
Suitable extinguishing agents: CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Special hazards arising from the substance or mixture: No further relevant information available.
- 5.2 Advice for firefighters
Protective equipment: No special measures required.

6. Accidental release measures:

- 6.1 Personal precautions, protective equipment and emergency procedures: Not required.
- 6.2 Environmental precautions: Dilute with plenty of water.
- 6.3 Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- 6.4 Reference to other sections: No dangerous substances are released.
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7. Handling and Storage:

- 7.1 Handling
Precautions for safe handling: No special measures required.
Information about fire - and explosion protection: No special measures required.
Conditions for safe storage, including any incompatibilities
- 7.2 Storage
Requirements to be met by storerooms and receptacles: No special requirements.
Information about storage in one common storage facility: Not required.
Further information about storage conditions: None.
Specific end use(s): No further relevant information available.

8. Exposure limits and personal, protective clothing and equipment:

- 8.1 Additional information about design of technical facilities: No further data; see item 7.
- 8.2 Control parameters
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.
- 8.3 Additional information: The lists valid during the making were used as basis.
- 8.4 Exposure controls
Personal protective equipment:
General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals.
Respiratory protection: Not required.
Protection of hands: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation



according to 1907/2006/EC, Article 31

Date of issue: 25-Nov-15

Pumice-Sep

page 3 of 5

replaced copy from: 14.04.2014

Material of gloves.

The selection of the 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.

9. Physical and chemical properties:

9.1 Information on basic physical and chemical properties

General Information

Appearance:

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:

Undetermined.

Boiling point/Boiling range:

100 °C

Flash point:

Not applicable.

Flammability (solid, gaseous):

Not applicable.

Ignition temperature:

Not determined.

Decomposition temperature:

Not determined.

Self-igniting:

Product is not selfigniting.

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/cm³

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):

0.0 %

Solids content:

< 1.0

Other information:

No further relevant information available.

10. Stability and reactivity:

10.1 Reactivity

Chemical stability

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

Possibility of hazardous reactions:

No dangerous reactions known.



according to 1907/2006/EC, Article 31
Date of issue: 25-Nov-15

page 4 of 5
replaced copy from: 14.04.2014

Pumice-Sep

Conditions to avoid: No further relevant information available.
Incompatible materials: No further relevant information available.
Hazardous decomposition products: No dangerous decomposition products known.

11. Toxicological information:

11.1 Information on toxicological effects

Acute toxicity:
Primary irritant effect:
on the skin: No irritant effect.
on the eye: No irritating effect.
Sensitization: No sensitizing effects known.
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:

12.1 Toxicity

Aquatic toxicity: No further relevant information available.
Persistence and degradability: No further relevant information available.

12.2 Behaviour in environmental systems

Bioaccumulative potential: No further relevant information available.
Mobility in soil: No further relevant information available.

12.3 Additional ecological information

General notes: Not known to be hazardous to water.

12.4 Results of PBT and vPvB assessment

PBT: Not applicable.
vPvB: Not applicable.
Other adverse effects: No further relevant information available.

13. Disposal considerations:

13.1 Waste treatment methods

Recommendation: Smaller quantities can be disposed of with household waste.

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

13.3 Uncleaned packaging

Recommendation: Disposal must be made according to official regulations.
Recommended cleansing agents: Water, if necessary together with cleansing agents.

14. Transportation:

UN-Number: -
ADR proper shipping name: -
Transport hazard class(es): -
Packing 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.



according to 1907/2006/EC, Article 31

Date of issue: 25-Nov-15

page 5 of 5

replaced copy from: 14.04.2014

Pumice-Sep

ADR

Limited quantities (LQ): -

Transport category: -

15. Regulatory information:

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Labelling according to Regulation (EC) Void

No 1272/2008:

Hazard pictograms: Void

Signal word: Void

Hazard statements: Void

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16. Other 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.**16.1** Relevant phrases

H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

R22: Harmful if swallowed.

R34: Causes burns.

16.2 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)

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 (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)