

< 0.1%

according to 1907/2006/EC, Article 31

Date of issue: 25-Nov-15 replaced copy from: 14.04.2014

**Pumice-Sep** 

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

Not applicable.

Void

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procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

lists, and extended by company and literature data.

The product is not classified according to the CLP regulation.

The product does not have to be labelled due to the calculation

The classification is according to the latest editions of the EU-

**ERNST HINRICHS Dental GmbH** Responsible department:

Hazards identification:

Classification of the substance or mixture

Classification according to Regulation

(EC) No 1272/2008:

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

Information concerning particular

hazards for human and environment:

Classification system:

2.2 Label elements

Labelling according to Regulation (EC)

No 1272/2008:

Hazard pictograms: Void Signal word: Void Hazard statements: Void

Other hazards: 2.3

Results of PBT and vPvB assessment

PBT: Not applicable. vPvB: Not applicable.

Composition/Information on ingredients:

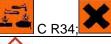
Chemical characterization:

Mixtures Description:

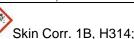
Mixture of substances listed below with nonhazardous additions.

3.2 Dangerous components:

CAS: 68391-01-5 EINECS: 269-919-4 This substance is identified by SDA Substance Name:



Xn R22



Acute Tox. 4, H302

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

First aid measures:

Description of first aid measures 4.1

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.

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

Firefighting measures:

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.

Accidental release measures:

Personal precautions, protective equipment and emergency procedures:

6.2 Environmental precautions:

6.3 Methods and material for containment

and cleaning up: 6.4 Reference to other sections: Not required.

Dilute with plenty of water.

Absorb with liquid-binding material (sand, diatomite, acid binders,

universal binders, sawdust).

No special measures required.

No special measures required.

No special requirements.

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.

Handling and Storage:

Handling

Precautions for safe handling:

Information about fire - and explosion

protection:

Conditions for safe storage, including

any incompatibilities

7.2 Storage

8.2

8.4

Requirements to be met by storerooms

and receptacles:

Information about storage in one

common storage facility:

Further information about storage

conditions:

None.

Not required.

No further relevant information available. Specific end use(s):

Exposure limits and personal, protective clothing and equipment:

Additional information about design of

technical facilities:

Control parameters

Ingredients with limit values that require monitoring at the workplace:

8.3 Additional information:

Exposure controls

Personal protective equipment:

General protective and hygienic

measures:

Respiratory protection:

Protection of hands:

No further data; see item 7.

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

The lists valid during the making were used as basis.

The usual precautionary measures are to be adhered to when

handling chemicals.

Not required.

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



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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. Nitrile rubber, NBR

As protection from splashes gloves

made of the following materials are suitable:

Eye protection:

Butyl rubber, BR Natural rubber, NR

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:

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:

Density at 20 °C:

Relative density:

Vapour density:

Vapour density:

Evaporation rate:

Solubility in / Miscibility with water:

Partition coefficient (n-octanol/water):

23 hPa

1.0 g/cm³

Not determined.

Not determined.

Fully miscible.

Not determined.

Viscosity:

Dynamic: Not determined. Kinematic: Not determined.

Solvent content:

Organic solvents:

VOC (EC):

Solids content:

0.0 %

0.0 %

1.0

Other information: No further relevant information available.

# 10. Stability and reactivity:

10.1 Reactivity

Chemical stability

Thermal decomposition / conditions to be No decomposition if used according to specifications.

avoided:

Possibility of hazardous reactions: No dangerous reactions known.

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

**Toxicological information:** 

Information on toxicological effects

Acute toxicity:

Primary irritant effect:

on the skin: No irritant effect. on the eve: No irritating effect.

No sensitizing effects known. Sensitization:

The product is not subject to classification according to the Additional toxicological information:

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.

No further relevant information available. Other adverse effects:

**Disposal considerations:** 

13.1 Waste treatment methods

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

European waste catalogue 13.2 Municipal wastes (Household waste and similar commercial, industrial and institutional 20 00 00 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.

**Transportation:** 14.

**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 Not applicable.

MARPOL73/78 and the IBC Code:

Transport/Additional information: Not dangerous according to the above specifications.



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**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)