

EG-MATERIAL SAFETY DATA SHEET



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replaced copy from: 30-Jun-04

according to 91/155 EEC

Date of issue: 26-Jan-12

Pumice Disinfectant

1. Identification of the substance / Preparation and Company:

Identification of the substance or preparation:

Commercial product name: Pumice Disinfectant
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
Responsible department: ERNST HINRICHS GmbH

2. Composition / Components information:

Tenside combination embedded in 1, 2, 3 propantyrol (DAB 6)
Carbonic acid diamide
Organic polymer

3. Possible hazards:

Irritation of the eyes and skin
Hazard symbol: Xi
Protect eyes and skin

4. First aid measures:

Remove soiled clothing
After skin contact: rinse with ample water
After eye contact: rinse with ample water for 15 minutes (eye-bath)
After swallowing: rinse mouth immediately and drink ample water, consult medical doctor

5. Measures against fire

Suitable extinguishing agents: water, protein foam, sand, extinguishing powder
Unsuitable extinguishing agents: none
Maybe released in case of fire: CO₂

6. Measures against accidental exposure or spillage:

Cleaning and mopping up measures: Mop up with absorbent material, wash away product residues with ample water.
Environment protection measures: Prevent from escaping into the sewer. The product must not find its way into water systems without first being treated (biological purification plant)

7. Handling and Storage:

Avoid contact with skin and eyes
Protection against fire and explosion: not required
Storage: Storable for ca. 3 years at max. 25°C. Protect against heat.

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

Components with threshold values that require monitoring: none
Work hygiene: Avoid contact with skin and eyes. Wash hands before breaks and on finishing work. Do not eat or drink while working. Keep product away from food and beverages.
Protective gloves: yes, gloves made of nitrilic rubber
Goggles: Yes, air-tight-fitting goggles

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9. Physical and chemical properties:

| | |
|------------------------------|----------------------|
| Form: | liquid |
| Colour: | almost colourless |
| Odour: | depending on product |
| Solidification temperature: | not known |
| Flash point: | not known |
| Ignition temperature: | not known |
| Steam pressure (20°C): | not applicable |
| Density (g/ml): | 1.00 – 1.20 |
| Water solubility (20°C): | readily soluble |
| pH Value (10 g/litre, cold): | 6.0 – 8.0 |

10. Stability and reactive properties:

| | |
|----------------------|--|
| Stability: | no decomposition when used and stored properly |
| Hazardous reactions: | none |

11. Toxicological data:

| | |
|----------------|--|
| Skin: | irritation possible, sensitivity possible |
| Eyes: | irritation possible |
| LD50/oral/Rat: | 3.000 mg/kg |
| Fish toxicity: | LC50/Leuciscus idus/: 12,5 – 125 mg/l / 96 h |

12. Ecological data:

| | |
|---|--|
| No impediment to the biodegradability of activated sludge to be expected when properly introduced in appropriately adapted, biological purification plants. | |
| Biodegradability: | > 90 % biodegradable (OECD: readily biodegradable) |
| Water hazard class 1: | slightly water-hazardous |

13. Disposal:

| | |
|----------|--|
| Product: | in compliance with official, local regulations. Large quantities are returnable. |
|----------|--|

14. Transportation:

| | | | |
|-----------------------|-------------|------------------|--------------------|
| Non - hazardous good | | | |
| GGVSee/IMDG-Code: --- | UN-No.: --- | MFAG: --- | EmS: --- |
| GGVE/GGVS: Kl. --- | Zi: --- | RID/ADR: Kl. --- | Zi: --- |
| ADNR: Kl. --- | Zi: --- | Kat: --- | ICAO/IATA-DGR: --- |

15. Regulations:

| | |
|-------------------------------------|---|
| Marking according to EU Guidelines: | Xi |
| R21/22: | skin contact or swallowing can damage health |
| R36/38: | irritates eyes and skin |
| S24: | avoid skin contact |
| S26: | In the event of eye contact, rinse with ample water and consult physician |
| S36/37/39: | Protective clothing, gloves and goggles to be worn at work |

16. Further information:

This information applies to the product **Pumice Disinfectant**.
It does not constitute a properties guarantee and does not apply to any subsequent products possibly derivation there from.