

## Safety Data Sheet

Document Number: RM081

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Revision Number: B

### 1. PRODUCT IDENTIFICATION

|  |  |
|--|--|
| <b>Trade Name (as labeled):</b>                | <b>Nada® Pumice Paste</b>  |
| <b>Chemical Name/Classification:</b>           | Mixture  |
| <b>Product Identifier (Part/Item Number):</b>  | 223313   |
| <b>U.N. Number:</b>                            | None   |
| <b>U.N. Dangerous Goods Classification:</b>    | None   |
| <b>Recommended Use:</b>                        | Cleaning and polishing paste used during dental hygiene procedures |
| <b>Restrictions on Use:</b>                    | For professional dental use only                                   |
| <b>Manufacturer/Supplier Name:</b>             | Preventive Technologies, Inc.                                      |
| <b>Manufacturer/Supplier Address:</b>          | 4330C Matthews-Indian Trail Road<br>Indian Trail NC 28079          |
| <b>Manufacturer/Supplier Telephone Number:</b> | 1-704-849-2416 or 800-474-8681 (Product Information)               |

**Email address:** [customerservice@preventech.com](mailto:customerservice@preventech.com)

### 2. HAZARD(s) IDENTIFICATION

| Health                    | Environmental | Physical      |
|---------------------------|---------------|---------------|
| Acute Toxicity Category 5 | Non-hazardous | Non-hazardous |

Emergency Overview: Direct contact may cause eye irritation. Prolonged skin contact may cause irritation. Under normal Conditions of use, exposure is not expected to occur.

### 3. COMPOSITION AND INFORMATION ON INGREDIENTS





| Ingredient | CAS No. / EINECS No. | Percent | EC Substance Classification (67/548/EEC) |
|------------|----------------------|---------|--|
| Pumice     | 1332-09-8            | 30-50   | Not Applicable                           |
| Glycerin   | 56-81-5 / 200-289-5  | 25-45   | Not Applicable                           |

Refer to Section 16 for the full text of the EU Classifications and R Phrases.

## 4. FIRST-AID MEASURES

| Routes of Exposure   | First Aid Instructions   |
|--|--|
| Eye  | Flush eyes with water, holding the eyelids apart. Do not rub eyes. Get medical attention if irritation persists. |
| Skin   | No first aid should be needed. Rinse off with water.   |
| Inhalation   | None needed under normal use conditions  |
| Ingestion  | If large amounts are swallowed, seek medical advice.   |
| Most important symptoms of exposure  | Direct contact may cause eye irritation.   |
| Other  | None known.  |
| <b>Note to Physicians (Treatment, Testing, and Monitoring):</b> Treatment of overexposure should be directed at the control of symptoms and clinical conditions. |  |

## 5. FIRE-FIGHTING MEASURES


|   |   |  |   |
|---|---|--|---|
| <b>Suitable Extinguishing Media:</b>  | Use media appropriate for surrounding fire.   |  |   |
| <b>Fire Fighting Procedures:</b>  | Cool fire exposed containers and structures with water.   |  |   |
| <b>Specific Hazards Arising from the Chemical:</b>                                  | None known.   |  |   |
| <b>Precautions for Fire Fighters:</b>   | Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for all fires involving chemicals. |  |   |
| <b>Recommended Protective Equipment for Fire Fighters:</b>                          |   |  |   |
| EYES/FACE   | SKIN  | RESPIRATORY  | THERMAL   |
|  |    |  |  |

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, PPE and Emergency Procedures:** Small spills do not require special precautions.

**Environmental Precautions:** None needed.

**Methods and Materials for Containment and Clean-up:** Wear appropriate protective clothing as described in Section 8. Wipe up or collect using absorbent material and place in appropriate containers for disposal. Rinse spill area with water..

| Recommended Personal Protective Equipment for Containment and Clean-up:           |      |             |         |
|---|------|-------------|---------|
| EYES/FACE   | SKIN | RESPIRATORY | THERMAL |
|  |      |             |         |

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling:** Avoid contact with the eyes. Use in accordance with package instructions.

**Conditions for Safe Storage:** Avoid excessive cold and heat.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational Exposure Limits

| Ingredients | Exposure Limits   |
|-------------|---|
| Pumice      | None Established  |
| Glycerin    | 5 mg/m <sup>3</sup> TWA PEL (respirable fraction)<br>10 mg/m <sup>3</sup> TWA TLV |

**Biological Exposure Limits:** None Established

**Appropriate Engineering Controls:** No special controls required.

### Individual Protection Measures (PPE)


**Specific Eye/face Protection:** Avoid eye contact. Safety glasses should be worn if contact is likely.

**Specific Skin Protection:** None normally required.

**Specific Respiratory Protection:** None required under normal use conditions.

**Specific Thermal Hazards:** Not applicable

### Recommended Personal Protective Equipment:

| EYES/FACE   | SKIN | RESPIRATORY | THERMAL |
|---|------|-------------|---------|
|  |      |             |         |

**Environmental Exposure Controls:** None required for normal use.

**General Hygiene Considerations and Work Practices:** Routine hand washing after use recommended.

**Protective Measures During Repair and Maintenance of Contaminated Equipment:** Not applicable for product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|   |                    |  |                   |
|---|--------------------|--|-------------------|
| <b>Appearance:</b>                      | Gray colored paste | <b>Explosive limits:</b>                       | Not applicable    |
| <b>Odor:</b>                            | odorless           | <b>Vapor pressure:</b>                         | Not available     |
| <b>Odor threshold:</b>                  | Not available      | <b>Vapor density:</b>                          | Not available     |
| <b>pH:</b>                              | 8.5-10.0           | <b>Relative density:</b>                       | Not available     |
| <b>Melting/freezing point:</b>          | Not available      | <b>Solubility:</b>                             | Partially Soluble |
| <b>Initial boiling point and range:</b> | Not available      | <b>Partition coefficient: n-octanol/water:</b> | Not available     |
| <b>Flash point:</b>                     | Not flammable      | <b>Auto-ignition temperature:</b>              | Not available     |
| <b>Evaporation rate:</b>                | Not available      | <b>Decomposition temperature:</b>              | Not available     |
| <b>Flammability:</b>                    | Not flammable      | <b>Viscosity:</b>                              | Not available     |
| <b>Explosive Properties:</b>            | None               | <b>Oxidizing Properties:</b>                   | None              |

## 10. STABILITY AND REACTIVITY

**Reactivity:** Not Reactive

**Chemical Stability:** Stable.

**Possibility of Hazardous Reactions:** None known.

**Conditions to Avoid:** None known.

**Incompatible materials:** Avoid oxidizing agents.

**Hazardous Decomposition Products:** Thermal decomposition may produce carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

### **Potential Health Effects:**

**Eyes:** May cause irritation with redness and tearing. Mechanical (abrasive) irritation may also occur. Glycerin is slightly irritating to rabbit eyes.

**Skin:** No adverse effects expected. Glycerin is not irritating to rabbit or human skin.

**Ingestion:** Swallowing large amounts may cause nausea, vomiting and diarrhea.

**Inhalation:** No adverse effects are expected.

**Chronic Health Effects:** None known.

**Carcinogenicity:** None of the other components of this product are listed as carcinogens by OSHA, IARC, ACGIH, NTP or EU Directives. No increase in tumor incidence was found in a 2 year oral feeding study with rats at doses of 5 and 10 g/kg.

**Mutagenicity:** Glycerin: Negative in AMES, in-vitro sister chromatid exchange and unscheduled DNA synthesis.

**Medical Conditions Aggravated by Exposure:** Employees with pre-existing skin disorders may be at increased risk from exposure.

### **Acute Toxicity Data:**

Glycerin: Oral Rat LD50 >12,600 mg/kg

**Reproductive Toxicity Data:** Glycerin: No effects were observed in a 2 generation study at doses of 0.2 mg/kg/day. No developmental effects were observed in rabbits administered up to 1,180 mg/kg or in rats or mice administered up to 1,310 mg/kg.

### **Specific Target Organ Toxicity (STOT):**

**Single Exposure:** Glycerin: When placed into the eye of a rabbit, glycerin will cause an inflammatory reaction, edema of the cornea and damage of the endothelial cells.

**Repeated Exposure:** In a 13 week sub-chronic inhalation study with rats, glycerin was found to cause mild irritation of mucous membranes. In a 2 year study in rats, no adverse effects were found in animals with 20% glycerin in their feed.

## 12. ECOLOGICAL INFORMATION

### **Toxicity:**

Glycerin: 96 hr LC50 *Oncorhynchus mykiss* (Rainbow trout) 54,000 mg/L, 48 hr EC50 *daphnia magna* 10,000 mg/L

**Persistence and Degradability:** Glycerin is readily biodegradable (63% after 14 days).

**Bio-accumulative Potential:** Not expected to bio-accumulate.

**Mobility in Soil:** Glycerin: Very high mobility in soil.

**Other Adverse Effects:** No adverse effects are expected.

**Results of PBT/vPvB Assessment:** Not required

### 13. DISPOSAL CONSIDERATIONS

**Regulations:** Dispose in accordance with local and national environmental regulations

**Properties (Physical/Chemical) Affecting Disposal:** None known.

**Waste Treatment Recommendations:** None needed.

### 14. TRANSPORT INFORMATION

|                                   |                        |                           |            |           |
|-----------------------------------|------------------------|---------------------------|------------|-----------|
| <b>UN-Number</b>                  | ADR/RID: None          | IMDG: None                | IATA: None | DOT: None |
| <b>UN proper shipping name</b>    | ADR/RID: Not Regulated |                           |            |           |
|                                   | IMDG: Not Regulated    |                           |            |           |
|                                   | IATA: Not Regulated    |                           |            |           |
|                                   | DOT: Not Regulated     |                           |            |           |
| <b>Transport hazard class(es)</b> | ADR/RID: None          | IMDG: None                | IATA: None | DOT: None |
| <b>Packaging group</b>            | ADR/RID: None          | IMDG: None                | IATA: None | DOT: None |
| <b>Environmental hazards</b>      | ADR/RID: No            | IMDG Marine pollutant: No | IATA: No   | DOT: No   |

**Special precautions for user:** Not applicable

### 15. REGULATORY INFORMATION

#### U.S. Federal Regulations

**Comprehensive Environmental Response and Liability Act of 1980 (CERCLA):** This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

**Toxic Substances Control Act (TSCA):** This product is a medical device and not subject to chemical notification requirements.

**OSHA Hazard Classification:** Exposure Limits

**Clean Water Act (CWA):** Not Listed

**Clean Air Act (CAA):** Not Listed

**Superfund Amendments and Reauthorization Act (SARA) Title III Information:**

**SARA Section 311/312 (40 CFR 370) Hazard Categories:**

|                          |    |                           |    |
|--------------------------|----|---------------------------|----|
| <b>Immediate Hazard:</b> | No | <b>Pressure Hazard:</b>   | No |
| <b>Delayed Hazard:</b>   | No | <b>Reactivity Hazard:</b> | No |
| <b>Fire Hazard:</b>      | No |                           |    |

**This product contains the following toxic chemical(s) subject to reporting requirements of SARA Section 313 (40 CFR 372):**

| <b>Components</b> | <b>C.A.S. #</b> | <b>WT %</b> |
|-------------------|-----------------|-------------|
| None              |                 |             |

**State Regulations**

**California:** This product contains the following chemicals(s) known to the State of California to cause cancer, birth defects or reproductive harm:

| <b>Components</b> | <b>C.A.S. #</b> | <b>WT %</b> |
|-------------------|-----------------|-------------|
| None              |                 |             |

**International Regulations**

**EU REACH:** The substances in this product comply with the EU REACH regulation as applicable.

| <b>16. OTHER INFORMATION</b>   |
|--|
| Full text of Classification abbreviations used in Section 2 and 3:<br>None.<br><br>Date of SDS Preparation/Revision: 07 May 2014                      Supercedes: 04/2003 Rev. A<br><br>Data Sources: US NLM ChemID Plus and HSDB, Substance SDS for components, IUCLID Dataset EU Chemical Bureau, ESIS, Country websites for occupational exposure limits. |