

# SAFETY DATA SHEET

according to Regulation (EC) No. 453/2010

Date Issued: 06/25/2012  
Date Revised: 08/30/2015  
Revision No: 2

## SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

### MANUFACTURER

PAC-DENT INTERNATIONAL, INC.  
670 ENDEAVOR CIRCLE  
BREA, CA 92821  
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### 24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (NORTH AMERICA) : (800) 424 - 9300  
(INTERNATIONAL) : +1(703) 527 - 3887

**PRODUCT NAME:** ProPaste™ Prophy Paste

**PRODUCT USE:** Tooth cleaning and polishing

## SECTION 2 - HAZARDS IDENTIFICATION

### 2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Classification according to Directive 1999/45/EC: The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

Danger symbols: Xi

R phrases: R32,R36/38

### CLASSIFICATION ACCORDING TO REGULATION (EC) No 1272/2008 [CLP]

Health: Eye Irritation, Category 2  
Skin Irritation, Category 2

### 2.2. LABEL ELEMENTS

Classification according to Directive 1999/45/EC

Hazard pictogram(s):



R&S statement(s): R32: Contact with acids liberates very toxic gas.  
R36/38: Irritating to eyes and skin.

Classification according to Regulation(EC) No 1272/2008 [CLP]

Hazard pictogram(s):



Exclamation  
mark

Signal Word: DANGER

Hazard statement(s): H315: Causes skin irritation.  
H319: Causes serious eye irritation.

Precautionary statement(s)

Prevention: P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response: P305: IF IN EYES:

P351: Rinse cautiously with water for several minutes.

P337+P313: If eye irritation persists: Get medical advice/attention.

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P302+P352: IF ON SKIN: Wash with plenty of soap and water.  
P332+P313: If skin irritation occurs: Get medical advice/attention.  
P301: IF SWALLOWED:  
P330: Rinse mouth.  
P314: Get medical advice/attention if you feel unwell.  
P273: Avoid release to the environment.  
P501: Dispose of in compliance with governmental regulation. (EC1975L0442-10/11/2003)

Storage:  
Disposal:

## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT	C.A.S.	EINECS No.	Wt. %	Classification according to Directive 67/548/EEC	Classification according to Regulation(EC) No 1272/2008 [CLP]
Pumice	1332-09-8	Not listed	40-60	Not Applicable	Not Applicable
Glycerin	56-81-5	200-289-5	14-32	Not Applicable	Not Applicable
Sodium Silicate	1344-09-8	215-687-4	3-8	Xi; R22; R36/37/38	Acute Tox. (O),Cat. 4; Skin Irr.,Cat. 2; EYE DMG.,Cat. 1; H302; H315; H318
Sodium Fluoride	7681-49-4	231-667-8	2-4	T, Xi; R25; R32; R36/38	Eye Irr.,Cat. 2; Skin Irr.,Cat. 2; Acute Tox. (O),CAT 3; EUH032; H301; H315; H319

## SECTION 4 - FIRST AID MEASURES

Eye Contact: Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.  
Skin Contact: Wash affected area with soap and water. If signs/symptoms develop, get medical attention.  
Inhalation: Remove person to fresh air. If signs/symptoms develop, get medical attention.  
If Swallowed: Do not induce vomiting unless instructed to do so by medical personnel. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Get medical attention.

## SECTION 5 - FIRE FIGHTING MEASURES

### 5.1 FLAMMABLE PROPERTIES

Autoignition temperature	No Data Available
Flash Point	Not Applicable
Flammable Limits - LEL	No Data Available
Flammable Limits - UEL	No Data Available

### 5.2 EXTINGUISHING MEDIA

Ordinary combustible material. Use fire extinguishers with class A extinguishing agents (e.g., water, foam).

### 5.3 PROTECTION OF FIRE FIGHTERS

Special Fire Fighting Procedures: Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).  
Unusual Fire and Explosion Hazards: Not applicable.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

### Personal precautions

Evacuate unprotected and untrained personnel from hazard area. The spill should be cleaned up by qualified personnel.

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## Environmental procedures

Place in a closed container approved for transportation by appropriate authorities. Dispose of collected material as soon as possible.

## Clean-up methods

Observe precautions from other sections. Collect as much of the spilled material as possible.

## SECTION 7 - HANDLING AND STORAGE

### 7.1 HANDLING

Avoid eye contact. Avoid prolonged or repeated skin contact. Wash hands after handling and before eating.

### 7.2 STORAGE

Not applicable.

## SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 ENGINEERING CONTROLS

Not applicable.

### 8.2 PERSONAL PROTECTIVE EQUIPMENT (PPE)

#### 8.2.1 Eye/Face Protection

Avoid eye contact.

The following eye protection(s) are recommended: Safety Glasses with side shields

#### 8.2.2 Skin Protection

Avoid prolonged or repeated skin contact.

#### 8.2.3 Respiratory Protection

Under normal use conditions, airborne exposures are not expected to be significant enough to require respiratory protection.

#### 8.2.4 Prevention of Swallowing

Do not ingest. Wash hands after handling and before eating.

### 8.3 EXPOSURE GUIDELINES

Ingredient	Type	Limit
Pumice	None Established	
Glycerin	TWA PEL	5 mg/m <sup>3</sup>
Glycerin	TWA TLV	10 mg/m <sup>3</sup>
Sodium Silicates	None Established	
Sodium Fluoride (as Fluoride)	TWA TLV	2.5 mg/m <sup>3</sup>
Sodium Fluoride (as Fluoride)	TWA PEL	2.5 mg/m <sup>3</sup>

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>Specific Physical Form</b>	Paste
<b>Odor, Color, Grade</b>	Mint or fruity odor, green, red, purple or light brown in color
<b>General Physical Form</b>	Solid
<b>Density</b>	No Data Available
<b>Specific Gravity</b>	1 [Ref Std: WATER=1]
<b>pH</b>	Not Applicable
<b>Melting point</b>	No Data Available
<b>Solubility in Water</b>	Nil

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## SECTION 10 - STABILITY AND REACTIVITY

**Stability:** Stable.

**Materials and Conditions to Avoid:**

**10.1 Conditions to avoid**

None known

**10.2 Materials to avoid**

None known

**Hazardous Polymerization:** Hazardous polymerization will not occur.

## SECTION 11 - TOXICOLOGICAL INFORMATION

**Potential Health Effects:**

**Eyes:** Direct contact may cause irritation with redness and tearing. Injury may occur from mechanical irritation.

**Skin:** Prolonged skin contact may cause irritation.

**Inhalation:** No adverse effects expected.

**Ingestion:** May cause salivation, nausea, vomiting. Ingestion of large quantities may cause abdominal pain, weakness, tremor, spasm or convulsion. The following adverse reactions are possible in individual

**Hypersensitive to fluoride:** Eczema, atopic dermatitis, urticaria, gastric distress, headache, and weakness.

**Chronic Health Effects:** Repeated excessive levels of glycerin have been shown to cause kidney, liver and gastrointestinal effects in studies with laboratory animals. Prolonged overexposure to sodium fluoride may cause cardiac disorders and cause damage to the kidney and brain.

**Carcinogenicity:** None of the components of this product are listed as carcinogens by OSHA, IARC or NTP or the EU directive.

**Mutagenicity:** No data available.

**Medical Conditions Aggravated by Exposure:** Individuals with pre-existing eye or skin disease may be at increased risk from exposure.

## SECTION 12 - ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION**

Not determined.

**CHEMICAL FATE INFORMATION**

Not determined.

## SECTION 13 - DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Incinerate in an industrial or commercial facility in the presence of a combustible material. As a disposal alternative, dispose of waste product in a facility permitted to accept chemical waste.

**EPA Hazardous Waste Number (RCRA):** Not regulated

## SECTION 14 - TRANSPORT INFORMATION

**DOT Shipping Name:** Not Regulated

**DOT Hazard Class:** N/A

**UN Number:** N/A

**DOT Labels Required (49CFR172.101):** N/A

**IATA Shipping Name:** Not Regulated

**IATA Hazard Class:** N/A

**UN Number:** N/A

**IATA Hazard Labels Required:** N/A

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**IMDG Shipping Name:** Not Regulated  
**IMDG Class:** N/A  
**UN Number:** N/A  
**IMDG Label:** N/A

## SECTION 15 - REGULATORY INFORMATION

### U.S. FEDERAL REGULATIONS:

**CERCLA 103 Reportable Quantity:** Not regulated under CERCLA. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

### SARA TITLE III:

**Hazard Category For Section 311/312:** Acute Health, Chronic Health

**Section 313 Toxic Chemicals:** This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None

**Section 302 Extremely Hazardous Substances (TPQ):** None

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

### U.S. STATE REGULATIONS

**California Proposition 65:** This product contains the following substances known to the state of California to cause cancer and/or reproductive toxicity: None

## SECTION 16 - OTHER INFORMATION

### Relevant R-phrases and/or Hstatements (number and full text)

R22: Harmful if swallowed.  
R25: Toxic if swallowed.  
R32: Contact with acids liberates very toxic gas.  
R34: Causes burns.  
R36/37/38: Irritating to eyes, respiratory system and skin.  
R36/38: Irritating to eyes and skin.  
Acute Tox. (O), CAT 3: Acute Toxicity (Oral), Category 3  
Acute Tox. (O), Cat. 4: Acute Toxicity (Oral), Category 4  
EYE DMG., Cat. 1: Eye Damage, Category 1  
Eye Irr., Cat. 2: Eye Irritation, Category 2  
Oxid. Sol., Cat. 2: Oxidizing Solids, Category 2  
Skin Corr., Cat. 1B: Skin Corrosion, Category 1B  
Skin Irr., Cat. 2: Skin Irritation, Category 2  
EUH032: Contact with acids liberates very toxic gas.  
H272: May intensify fire; oxidizer.  
H301: Toxic if swallowed.  
H302: Harmful if swallowed.  
H314: Causes severe skin burns and eye damage.  
H315: Causes skin irritation.  
H318: Causes serious eye damage.  
H319: Causes serious eye irritation.  
H335: May cause respiratory irritation.

### MANUFACTURER DISCLAIMER: FOR DENTAL USE ONLY. USE AS DIRECTED.

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