



## PREMIER DENTAL PRODUCTS COMPANY

### Safety Data Sheet BufferPro™

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#### SECTION 1: Identification

##### 1.1 GHS Product identifier

Product name	BufferPro™
Brand	Premier® BufferPro™

##### 1.2 Manufacturer's details

Name	Premier Dental Products Company
Address	1710 Romano Drive Plymouth Meeting PA 19462 USA
Telephone	610-239-6000
Fax	610-239-6171
email	regulatory@premierdentalco.com

##### 1.3 Distributor's details

Name	Septodont Inc.
Address	205 Granite Run Drive. Suite 150 Lancaster PA 17601 USA

##### 1.4 Emergency phone number

610-239-6000

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#### SECTION 2: Hazard identification

##### General hazard statement

No Significant Hazard

##### 2.1 Classification of the substance or mixture

###### GHS classification in accordance with: OSHA (29 CFR 1910.1200)

- Skin corrosion/irritation, Cat. 2
- Acute toxicity, oral, Cat. 4

##### 2.2 GHS label elements, including precautionary statements

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### Pictograms



### Hazard statement(s)

H302 Harmful if swallowed  
H315 Causes skin irritation

### Precautionary statement(s)

P264 Wash hands thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P280 Wear protective gloves.  
P301+P312 IF SWALLOWED: Call a POISON CENTER /doctor/dentist if you feel unwell,  
P302+P352 IF ON SKIN: Wash with plenty of water.  
P330 Rinse mouth.  
P332+P313 If skin irritation occurs: Get medical advice/attention.  
P362+P364 Take off contaminated clothing and wash it before reuse.  
P501 Dispose of contents/container within a sharps container in accordance to facility or institutional guidelines/procedures

### 2.3 Other hazards which do not result in classification

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

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## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous components

##### 1. Sodium Bicarbonate, USP

Concentration 1 - 8.4 % (weight), Proprietary  
EC no. 205-633-8  
CAS no. 144-55-8

##### 2. Sterile Water for Injection

Concentration 1 - 91.6 % (weight), Proprietary  
CAS no. 7732-18-5

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## SECTION 4: First-aid measures

### 4.1 Description of necessary first-aid measures

If inhaled Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.

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	Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist
In case of skin contact	May cause irritation to skin. Rinse immediately with plenty of water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
In case of eye contact	May cause irritation to eyes. Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist.
If swallowed	Ingestion may cause nausea and vomiting. May cause irritation to mucous membranes. DO NOT INDUCE VOMITING unless advised to do so by a doctor. Seek medical attention if irritation or symptoms persist.

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### SECTION 5: Fire-fighting measures

#### 5.1 Suitable extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.

#### 5.2 Specific hazards arising from the chemical

Burning produces irritating, toxic and obnoxious fumes.

#### 5.3 Special protective actions for fire-fighters

Wear suitable respiratory equipment when necessary.

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### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area. Wear suitable protective equipment.

#### 6.2 Environmental precautions

Prevent further spillage if safe. Do not flush into surface water. Do not let product contaminate subsoil.

#### 6.3 Methods and materials for containment and cleaning up

Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

#### Reference to other sections

See section 2 and 8 for further information.

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### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes. Avoid contamination of food or feedstuffs. Refer to label for complete indications, dosing, storage, and handling.

#### 7.2 Conditions for safe storage, including any incompatibilities

Store at room temperature between 15°C (59°F) to 25°C (77°F). Keep in dry, well-ventilated area. Do not store at temperature above 30°C (86°F). Keep sealed until ready to use. Do NOT allow it to freeze.

#### Specific end use(s)

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See Instructions for Use (IFU) at [www.premierdentalco.com](http://www.premierdentalco.com)

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### SECTION 8: Exposure controls/personal protection

#### 8.2 Appropriate engineering controls

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation.

#### 8.3 Individual protection measures, such as personal protective equipment (PPE)

##### Eye/face protection

Wear chemical goggles or safety glasses.

##### Skin protection

Wear protective gloves.

##### Body protection

Use as appropriate: Chemical resistant clothing. Do not eat, drink or smoke during use.

##### Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

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### SECTION 9: Physical and chemical properties

Appearance, such as physical state and colour

Odour

Odour threshold

pH

Melting point and freezing point

Initial boiling point and boiling range

Flash point

Evaporation rate

Flammability, in the case of solids and gases

Upper and lower flammability or explosive limits

Vapour pressure

Vapour density

Relative density

Solubility

Partition coefficient — n-octanol/water

Auto-ignition temperature

Decomposition temperature

Viscosity

Odorless

No data available

7 - 8.5

N/A and 0°C

100°C

No data available

No data available

No data available

No data available

No data available

No data available

No data available

Soluble in water

No data available

No data available

No data available

No data available

#### Additional properties

Physical state

Colour

Explosive properties

Oxidising properties

Liquid

Clear/Colorless

No data available

No data available

#### Particle characteristics

No data available

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### SECTION 10: Stability and reactivity

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### 10.1 Reactivity

No data available

### 10.2 Chemical stability

No data available

### 10.3 Possibility of hazardous reactions

No data available

### 10.4 Conditions to avoid

Keep away from sources of ignition - No smoking. Keep in a cool place away from direct sunlight.

### 10.5 Incompatible materials

Strong oxidizing agents.

### 10.6 Hazardous decomposition products

Carbon oxides.

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## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

Prolonged or repeated exposure may cause: Damage to organs.

#### Skin corrosion/irritation

May cause irritation to skin.

#### Serious eye damage/irritation

May cause eye irritation.

#### Respiratory or skin sensitization

May cause allergic reactions in susceptible people.

#### Germ cell mutagenicity

No mutagenic effects reported.

#### Carcinogenicity

Not found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs, Volumes 1-112.

Not listed in the National Toxicology Program (NTP) 13th Report on Carcinogens.

Not listed in the OSHA standard 1910.1003 Carcinogens.

#### Reproductive toxicity

No teratogenic effects reported.

#### Specific target organ toxicity (STOT) - single exposure

May cause irritation to respiratory system.

#### Specific target organ toxicity (STOT) - repeated exposure

Avoid prolonged or repeated exposure.

## **SECTION 12: Ecological information**

### **Toxicity**

No data available.

### **Persistence and degradability**

No data available.

### **Bioaccumulative potential**

No data available.

### **Mobility in soil**

No data available.

### **Results of PBT and vPvB assessment**

No data available.

### **Endocrine disrupting properties**

No data available.

### **Other adverse effects**

No data available.

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## **SECTION 13: Disposal considerations**

### **Disposal methods**

#### **Product disposal**

Dispose of contents/container within a sharps container in accordance to facility or institutional guidelines/procedures

#### **Packaging disposal**

Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.

#### **Other disposal recommendations**

Dispose of in compliance with all local and federal/national regulations. Do not contaminate water by cleaning of equipment or disposal of wastes.

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## **SECTION 14: Transport information**

### **DOT (US)**

UN Number: The product is not classified as dangerous for carriage.

Class:

Packing Group:

Proper Shipping Name:

Reportable quantity (RQ):

Marine pollutant:

Poison inhalation hazard:

### **IMDG**

UN Number: The product is not classified as dangerous for carriage.

Class:

Packing Group:

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EMS Number:  
Proper Shipping Name:

### IATA

UN Number: The product is not classified as dangerous for carriage.  
Class:  
Packing Group:  
Proper Shipping Name:

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## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations specific for the product in question

#### Regulations

Hazard Communication Standard: 29 Code of Federal Regulations 1910.1200: Occupational Safety and Health Standards: Z: Toxic and Hazardous Substances: Hazard Communication. All chemicals in this product are TSCA listed or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory. TSCA - United States Toxic Substances Control Act Section 8(b) Inventory. Materials are exempt from TSCA under Section 3(2)(B)(vi) when used for pharmaceutical application.  
US State Regulations:  
This material contains no reportable components.

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## SECTION 16: Other information

Text of Hazard Statements: Compressed gas - Contains gas under pressure; may explode if heated.

### 16.1 Further information/disclaimer

The labeling requirements of the Federal Food, Drug, and Cosmetic Act differ from the classification criteria and hazard information required for safety data sheets and for workplace labels under the OSHA Hazard Communication Standard 29 CFR 1910.1200. Prescription device, Rx Only.

DISCLAIMER: The information and recommendations set forth herein ("Information") are presented in good faith and believed to be correct as of the date issued. No representation is made regarding the completeness or accuracy of the Information. Further, because of the many factors that affect the use of this product, the Information is supplied upon the condition that the person(s) receiving it will make their own determination regarding its suitability for their own unique purpose(s), prior to use.