



# SAFETY DATA SHEET

**Issue Date**

19-Sep-13

**Revision Date**

2-Nov-18

**Version**

5

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier**

BluTab

**Other Means of Identification**

SDS #: BT20 and BT50

**UN/ID No.:**

Not listed

**Product Code:**

USA

**Recommended Use of the Chemical and Restrictions on Use**

**Recommended Use:** Inhibits the growth of microbial contamination in dental unit water lines.

**Details of the Supplier of the Safety Data Sheet**

**Supplier Address**

ProEdge Dental Products  
7042 South Revere Parkway Unit 400  
Centennial, CO 80112

**Emergency Telephone Number**

**Company Phone Number(s)**

Toll-Free: 1-888-843-3343

**24 Hour Emergency Telephone**

Medical or Safety: 1-866-290-1830

## 2. HAZARDS IDENTIFICATION

### Classification

Acute toxicity - Oral	Category IV
Acute toxicity - Dermal	Category III
Primary Eye Irritation	Category III
Primary Skin Irritation	Category IV
Dermal Sensitization	Not a contact sensitizer
Carcinogenicity	Not listed by ACGIH, IARC, NIOSH, NTD, or OSHA

**Signal Word:** CAUTION

**Hazard Statements:** Keep out of reach of children. May cause irritation to eyes. May cause skin contact irritation. Harmful if swallowed.

**Appearance:** Light blue, solid

**Physical State:** Tablet, solid

**Odor:** Neutral

**Precautionary Statements-Prevention:** Components are non-hazardous.

### **Precautionary Statements-Response**

**IF INHALED:** If symptoms are experienced, remove from source of contamination or move victim to fresh air. If symptoms persist, get medical attention.

**IF SWALLOWED:** If ingestion of a large amount occurs, seek medical attention. Do not induce vomiting.

**IF ON SKIN:** For skin contact flush with plenty of water. If irritation persists, get medical attention. Take off any contaminated clothing; wash before reuse.

### **Precautionary Statements - Storage**

Avoid contact with water until ready for use. Keep in a cool, dry area when not in use. All cleaning agents should be kept out of the reach of children and stored away from food.

### **Precautionary Statements - Disposal**

Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State/Provincial and Local regulations. Regulations may vary in different locations.

### **Hazards not otherwise classified (HNOC)**

None identified.

### **Other Information**

Disclaimer: ProEdge Dental Products believes the above information to be accurate and represents the best information currently available. We make no warranty of merchantability or any other warranty, expressed or implied, with respect to such information, and we assume no liability resulting from its use. The information contained herein is offered in good faith and is intended only as a guide to the appropriate precautionary handling of the material/product by a properly trained

person using the product. Regulatory requirements are subject to change and differ from one location to another. It is the buyer's (or user's) responsibility to ensure that its activities comply with Federal, State, and Local laws.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%	Trade Secret
Silver	7440-22-4	N/A	Yes

### 4. FIRST AID MEASURES

#### First Aid Measures

**IF INHALED:** If symptoms are experienced, remove from source of contamination or move victim to fresh air. If symptoms persist, get medical attention.

**IF SWALLOWED:** If ingestion of a large amount occurs, seek medical attention. Do not induce vomiting.

**IF ON SKIN:** For skin contact flush with plenty of water. If irritation persists, get medical attention. Take off any contaminated clothing; wash before reuse.

#### Most Important Symptoms and Effects, both Acute and Delayed

**Symptoms:** Mild skin or eye irritation

**Warning:** Avoid contacting tablet with eyes or clothing.

#### Indication of any Immediate Medical Attention and Special Treatment Needed

**Note to Physicians:** Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Use extinguishing measures appropriate to local circumstances and the surrounding environment. Water, CO<sub>2</sub>, or dry chemical.

**Unsuitable Extinguishing Media:**  
None determined.

#### Specific Hazards Arising from the Chemical:

**Hazardous Combustion Products**  
None determined.

**Sensitivity to Static Discharge**  
None determined.

#### Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure demands MSHA/NIOSH approved or equivalent and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures

#### Personal Precautions

**For Emergency Responders:**

Restrict access to spill area. Ventilate this area.

**Environmental Precautions:**

None determined.

#### Methods and Material for Containment and Cleaning Up:

**Methods for Containment**

Recover dry if possible. Clean area with water.

**Methods for Cleaning Up**

Collect spill material with suitable means. Avoid incompatible materials.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling:

**Advice on Safe Handling:**

Avoid contact with water until ready for use. Keep in a cool, dry area when not in use. All cleaning agents should be kept out of the reach of children and stored away from food.

### Conditions for Safe Storage, Including any Incompatibilities:

**Storage Conditions:**

Keep in a cool, dry area when not in use.

**Packaging Materials:**

Do not use if package is pierced or torn.

**Incompatible Materials:**

None determined if package is unopened.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Silver, 7440-22-4	Soluble compounds, 0.01 mg/m <sup>3</sup> TWA	0.01 mg/m <sup>3</sup> TWA	0.01 mg/m <sup>3</sup> TWA

### Appropriate Engineering Controls

**Engineering Controls:**

Eye wash station

### Individual Protection Measures, such as Personal Protective Equipment

**Eye/Face Protection:**

None determined.

**Skin and Body Protection:**

Avoid prolonged skin exposure.

**Respiratory Protection:**

None determined.

**General Hygiene Considerations:**

Avoid contacting tablet with eyes or clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on Basic Physical and Chemical Properties**

**Physical State:** Solid  
**Appearance:** Tablet  
**Color:** Light blue  
**Odor:** Neutral

<u>Property</u>	<u>Values</u>	<u>Remarks * Method</u>
pH	6.8 (1% solution at 20 degrees C)	
Melting Point / Freezing Point	N/A	
Boiling Point / Boiling Range	N/A	
Flash Point	N/A	
Evaporation Rate	N/A	
Flammability (Solid/Gas)	N/A	
Flammability Limits In Air	N/A	
Upper Flammability Limit		
Lower Flammability Limit		
Vapor Pressure	N/A	
Vapor Density	N/A	
Specific Gravity	Approx. 1.0	
Water Solubility	Complete in water	
Partition Coefficient	N/A	
Autoignition Temperature	N/A	
Decomposition Temperature	N/A	
Kinematic Viscosity	N/A	
Dynamic Viscosity	N/A	
Explosive Properties	N/A	
Oxidizing Properties	Reacts with strong acids or oxidizing agents	

**10. STABILITY AND REACTIVITY**

**Reactivity:**

This product will react with strong acids and oxidizing agents.

**Chemical Stability:**

Stable

**Possibility of Hazardous Reactions:**

None known

**Hazardous Polymerization:**

Will not occur

**Conditions to Avoid:**

Avoid contact with water until ready to use.

**Incompatible Materials:**

Strong acids or oxidizing agents

**Hazardous Decomposition Products:**

BT20 / BT 50

None known

## 11. TOXICOLOGICAL INFORMATION

### Information on Likely Routes of Exposure

#### **Product Information:**

**Inhalation:** None known

**Eye Contact:** Tablet may cause irritation to the eyes. Diluted product is non-irritating.

**Skin Contact:** Prolonged contact may cause irritation and redness.

**Ingestion:** Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.

#### **Component Information:**

Chemical Name	Oral LD <sub>50</sub>	Dermal LD <sub>50</sub>	Inhalation LC <sub>50</sub>
Silver, 7440-22-4	Rat - male, >5.000 mg/kg	No data available	No data available

### Information on Physical, Chemical and Toxicological Effects

#### **Symptoms:**

**IF INHALED:** If symptoms are experienced, remove from source of contamination or move victim to fresh air. If symptoms persist, get medical attention.

**IF SWALLOWED:** If ingestion of a large amount occurs, seek medical attention. Do not induce vomiting.

**IF ON SKIN:** For skin contact flush with plenty of water. If irritation persists, get medical attention. Take off any contaminated clothing; wash before reuse.

### Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure:

**Carcinogenicity:** Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

**Numerical Measures of Toxicity:** Not determined.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No data available on finished product.

**Environmental Fate:** Readily degraded.

### 13. DISPOSAL CONSIDERATIONS

#### Waste Treatment Methods

##### **Disposal of Wastes:**

Treatment, storage transportation and disposal must be in accordance with applicable Federal, State/Provincial and Local regulations. Regulations may vary in different locations.

### 14. TRANSPORT INFORMATION

<b><u>DOT</u></b>	UN/ID No	Not listed
	Proper Shipping Name	Not a dangerous goods
	Hazard Class	Not classified
<b><u>IATA</u></b>	UN/ID No	Not listed
	Proper Shipping Name	Not a dangerous goods
	Hazard Class	Not classified
<b><u>IMDG</u></b>	UN/ID No	Not listed
	Proper Shipping Name	Not a dangerous goods
	Hazard Class	Not classified

### 15. REGULATORY INFORMATION

#### International Inventories:

Not determined.

#### US Federal Regulations:

**TSCA:** None of the product components/chemicals are on the Health & Safety Reporting List, are under a Chemical Test Rule (Section 12b) or have a SNUR under TSCA.

**SARA:** None of the product components/chemicals have an RQ, a TPQ or are under Section 313. None of the product components/chemicals are hazardous air pollutants, are Class 1 or Class 2 Ozone depleters. None of the product components/chemicals are listed as Hazardous Substances, Priority Pollutants or Toxic Pollutants under the Clean Water Act.

**OSHA:** None of the product components/chemicals are considered hazardous by OSHA.

### 16. OTHER INFORMATION

#### NFPA

<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
1	0	0	OX

#### HMIS

<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical Hazards</b>	<b>Personal Protection</b>
Not determined.	Not determined.	Not determined.	Not determined.

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**Revision Date** 29-Aug-14

**Revision Note** 3

#### Disclaimer

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**End of Safety Data Sheet**