



# MATERIAL SAFETY DATA SHEET

**M.S.D.S.#00074**

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March 6, 2006

## 1. Chemical Product and Contact Information

**Product Name:** PrepEze® Desensitizer  
**Material Safety Sheet Number:** 00074  
**Date of Issue:** 01/13/00  
**Revision Date:** 03/06/06  
**Company Identification:** Pentron Clinical Technologies, LLC  
68 North Plains Industrial Road  
Wallingford, CT U.S.A. 06492  
Phone: 800-551-0283  
203-265-7397  
**Emergency Information Chemtrec:** 800-424-9300  
**Chemtrec International:** 202-483-7616

## 2. Composition/Information on Ingredients

**Chemical characteristics:** Water solution of HEMA, fluoride, and BKC.  
**Description:** Same as chemical characteristics.  
**Hazardous components:**

| Element  | CAS #     | Exposure Limit mg/m <sup>3</sup> |           |
|----------|-----------|----------------------------------|-----------|
|          |           | OSHA PEL                         | ACGIH TLV |
| Fluoride | 7681-41-4 | 2.5                              | 2.5       |

## 3. Hazard Identification

**Risk identification:** None known.  
**Special risks for human beings and environment:** None known.  
**Classification:** Unknown.

## 4. First Aid Measures

**General information:** Acute and Chronic: skin, eye irritation followed by sloughing; possible allergic response. Red mucosal membranes, dermatitis.  
**After skin contact:** Flush with large volumes of water, then wash with soap and water.  
**After eye contact:** Flush with large volumes of water.  
**After swallowing:** Do not induce vomiting. Remove to fresh air. Contact physician immediately.

## 5. Fire Fighting Measures

**Extinguishing media:** Not a fire hazard.  
**Protective equipment:** Routine protective equipment is adequate.

## 6. Accidental Release Measures

**Personal precautions:** Protective gloves, goggles are recommended.  
**Environmental precautions:** Incineration according to federal, state and local regulations.  
**Methods for cleaning up:** Absorb with inert material, collect in closed container and dispose as recommended.  
**Additional information:** Keep containers closed when not using the material to avoid spills.

## 7. Handling and Storage

**Handling:** Protective gloves, goggles are recommended.  
**Recommendation for fire and explosion protection:** No special requirement.  
**Storage:** Avoid skin, eye contact. Do not store in high heat areas.  
**Requirements at storerooms and containers:** Keep away from strong oxidizer and/or reducing agent and elevated temperatures.  
**Additional storage conditions:**  
**Storage classification:** Keep containers closed when not using the material to avoid spills.  
**VBF- classification:** Unknown.

## 8. Exposure Controls/Personal Protection

**Components with limits of values to be supervised at the workplace:** Unknown.  
**Additional information:** The product contains no relevant quantities of components with limits of values to be supervised at the workplace.  
**Personal protective equipment:** Routine health care personal garb is adequate.  
**General measure of protection and hygiene:** Routing health care personnel treatment procedures as commonly practiced in the dental health care industry.  
**Respiration:** Local exhaust ventilation recommended.  
**Hands:** Protective gloves.  
**Eyes:** OSHA approved goggles.

**9. Physical and Chemical Properties**

Appearance: Form: Liquid.  
Color: Clear to straw colored  
Odor: Mildly pungent.

Information on change in the physical state

Melting point/melting range: Not applicable.  
Boiling point/boiling range: Unknown.  
Flash point: >212°F (100C)  
Specific Gravity: 1.03.  
Evaporation Rate: > Butyl Acetate.  
Flammable Liquids: LEL UEL.  
Autoignition temperature: Unknown.  
Danger of explosion: None.  
Vapor pressure: Unknown.  
Viscosity: Unknown.  
pH: Unknown.  
Solubility in/miscibility with Water: Very Soluble.  
Content of solvents: Unknown.  
Organic solvents: Unknown.  
Water: Unknown.

**10. Stability and Reactivity**

Incompatibility with other substances: Alkalies, free radical initiators, intense ultraviolet radiation.  
Hazardous decomposition products: Unknown.  
Hazardous Polymerization: May occur.

**11. Toxicological Information**

Acute toxicity:  
Primary irritation: Acute and chronic skin, eye irritation followed by sloughing;  
Possible allergic response.  
Skin: Above.  
Eye: Above.  
Sensitization of product: Unknown.  
Additional toxicological information: Unknown.  
Carcinogenicity: Not Shown.  
NTP: Not Listed.  
IARC Monographs: Not Listed.  
OSHA Regulated: No.

**12. Ecological Information**

General information:  
Classification of water endangerment: Unknown.

**13. Disposal Considerations**

Disposal consideration: Follow federal, state, and local ordinances and regulations.

**14. Transport Information**

Not classified as dangerous goods.

**15. Regulatory information**

Classification according to EEC guidelines: Unknown.  
National Prescriptions: Unknown.  
Classification according to VbF: Unknown.

**16. Other Information**

Revision Summary:

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