

# MATERIAL SAFETY DATA SHEET

## I - PRODUCT IDENTIFICATION

**COMPANY NAME:** Heraeus Kulzer, Inc.  
Dental Products Division

**ADDRESS:** 4315 S. Lafayette Blvd. | **Tel No:** (219) 291-0661  
South Bend, Indiana 46614 | **Nights:** Chemtrec 1-800-424-9300

**PRODUCT NAME:** VibraKleen E<sup>2</sup>  
**PRODUCT NO(S):** 37100

**Synonyms:** N/A

## II - HAZARDOUS INGREDIENTS OF MIXTURES

<b>MATERIAL:</b>	<b>CAS#</b>	<b>TLV</b>
Protease	9001-92-7	None established: 0.06 mg/m <sup>3</sup> subtilisin (as pure crystalline enzyme)

## III - PHYSICAL DATA (ND = Not Determined)

**Appearance and Odor:** White and brown speckled tablet, mint aroma

**Solubility in Water:** Readily soluble

## IV - FIRE AND EXPLOSION

**Flash point:** NA | **Flammable Limits:** Not determined

**Extinguishing Media:** Water, Dry chemical, Carbon Dioxide

## V - REACTIVITY DATA

**Stability:** Unstable ☐ | **Conditions to avoid:** Extremely high temperatures  
Stable ☒

**Incompatibility (Materials to Avoid):** None Known

**Hazardous Decomposition Products:** None applicable

**Hazardous Polymerization:** May Occur ☐ | **Conditions to Avoid:** None  
Will Not Occur ☒

**VibraKleen E<sup>2</sup>**

**VI. HEALTH HAZARDS**

**Routes of Entry include:** Eye and skin contact, ingestion and inhalation.

**Signs and Symptoms of overexposure:**

**Acute Overexposure:** Skin, eye, respiratory irritation.

**Medical conditions generally aggravated by exposure:** Allergy to Enzyme Protein.

**Primary Route(s) of Exposure:** Eye and skin contact; inhalation and accidental ingestion.

**Hygienic Practices:** Do not place in unlabelled container. Wash hands after use.

**Chemical Listed As Carcinogen or Potential Carcinogen:** Not listed.

**VII - EMERGENCY AND FIRST AID PROCEDURES**

**Skin:** In case of skin contact, immediately wash with plenty of water and remove contaminated clothing.

**Ingestion:** If swallowed, seek medical advice immediately.

**Eyes:** Flush eyes with plenty of water at least 15 minutes. Consult a doctor immediately if irritation continues.

**Inhalation:** If inhaled, remove to fresh air.

**VIII - SPILL OR LEAK PROCEDURES**

**Spill Management:** Vacuum or moisten with water and collect into closed disposal container.

**Waste Disposal Methods:** Follow Local, State and Federal regulations for disposal. Product is biodegradable.

**IX - PROTECTION INFORMATION/CONTROL MEASURES**

**Respiratory:** Use NIOSH/OSHA approved device if ventilation can't be provided.

**Eye Protection:** Safety glasses are recommended.

**Gloves:** Vinyl or rubber gloves.

**Other Clothing and Equipment:** None

**Ventilation:** None

**X - SPECIAL PRECAUTIONS**

**Precautions to be taken in Handling and Storing:** Keep in cool, dry place. Keep out of reach of children. Avoid splashing solution.

**XI - ADDITIONAL INFORMATION**

None

**Date:** June 18, 1999

**Replaces MSDS dated:** March 14, 1997

We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and these opinions and the conditions of use of the product are not within the control of Heraeus Kulzer, Inc. it is the user's obligation to determine the conditions of safe use of the product.