SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

- **Product Name:** VACUETTE® K3E K3EDTA
- **Manufacturer/Supplier:**

AUSTRIA
Greiner Bio-One GmbH
Bad Haller Strasse 32
4550 Kremsmünster
Austria
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Fax: (+43) 7583 6791-1114
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4238 Capital Drive
Monroe, NC 28110
USA
Tel: (+1) 888-286-3883
FAX: (+1) 800-726-0052
Email: info@us.gbo.com

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Produtos Médicos Hospitalares Ltda.
Av. Affonso Pansan no. 1.967
13473-620 Vila Bertini
Americana, São Paulo - Brasil
Tel: (+55) 19 3468-9600
Fax: (+55) 19 3468-9601
Email: info@br.gbo.com

THAILAND
Greiner Bio-One (Thailand) Ltd.
700/172 Moo. 1 Amata Nakorn Industrial Estate
Tambon Bankao, Amphur Phanthong
Chonburi 20160
Tel: (+66) 38-465633
Fax: (+66) 38-465635
Email: office@th.gbo.com

SECTION 2: HAZARDS IDENTIFICATION

- **Hazard description:**
  May cause eye and skin irritation. Causes respiratory tract irritation and gastrointestinal irritation. Avoid generation and accumulation of dusts.
- **Acute exposure effect:**
  May cause skin and eye irritation. Inhalation causes respiratory tract irritation. Ingestion causes gastrointestinal irritation with nausea, vomiting and diarrhea.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

- **Description: VACUETTE PET Tube** (Polyethyleneterephthalate) with
- **Chemical name:** Ethylenediaminetetraacetic Acid Tripotassium Dihydrate (EDTA K3)
- **CAS No.** 65501-21-8
- **Quantity of substances:** < 1% (mass %)
- **Exposure limits:** N/A

SECTION 4: FIRST AID MEASURES

- **Skin:** Wash with soap and copious amounts of water.
- **Eyes:** Flush eyes with copious amounts of water for at least 15 minutes.
- **Inhalation:** Remove to fresh air. If breathing is difficult, give oxygen.
- **Ingestion:** Victim should drink copious amounts of water to dilute. Get medical attention.

SECTION 5: FIRE-FIGHTING MEASURES

- **Suitable extinguishing media:** Use extinguishing media appropriate for surrounding fire.
- **Protective equipment:** Firefighters should wear proper protective equipment and self-contained breathing apparatus with full-face piece operated in positive pressure mode.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

- **Personal precautions:** Avoid overexposure. Wear suitable protective clothing.
- **Environmental precautions:** N/A
- **Methods for cleaning up:** Carefully sweep up and remove. Flush area with water.

SECTION 7: HANDLING AND STORAGE

- **Handling:**
  Advice for safe handling: Keep container tightly closed. Suitable for any general chemical storage area. Avoid inhalation of dusts.
  Information about protection against explosions and fires: Avoid contact with incompatible material, minimize dust generation and accumulation.
- **Storage:**
  Requirements to be met by storerooms and receptacles: Keep container tightly closed.
  Information about storage in one common storage facility: Suitable for any general chemical storage area.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

- **Control parameters:** N/A
- **Personal protective equipment:**
  General protective and hygienic measures: Wash thoroughly after handling. Remove contaminated and wash before reuse. Avoid contact with eyes, skin and clothing. Avoid ingestion and inhalation. Use with adequate ventilation. Provide eye bath and safety shower.
  Breathing equipment: Use an appropriate dust mask
  Hand protection: Wear proper gloves.
  Eye protection: Use safety goggles
  Body protection: Wear appropriate protective clothing to prevent skin exposure.
- **Hygiene measures:** N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- **General information**
  Form: Crystalline powder
  Color: White
  Odor: Odorless
- **PH-value:** N/A
- **Change in condition**
  Melting point/Melting range: N/A
  Boiling point/Boiling range: N/A
- **Flash point:** N/A
- **Flammability (solid, gaseous):** N/A
- **Danger of explosion:** Generation and accumulation of dusts may cause an explosion.
- **Vapor pressure:** N/A
- **Density:** N/A
- **Solubility in/Miscibility w/H_2O:** Soluble
- **Organic solvents:** N/A
- **Solids content:** N/A

SECTION 10: STABILITY AND REACTIVITY

- **Thermal decomposition / conditions to avoid:** Avoid generation and accumulation of dusts.
- **Materials to avoid:** None identified
- **Dangerous reactions:** None identified
- **Hazardous decomposition products:** Oxides of nitrogen, carbon monoxide, carbon dioxide.

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SECTION 11: TOXICOLOGICAL INFORMATION

- **Acute toxicity** (LD 50 oral, rat > 200 mg/kg)
  Eye: May cause irritation
  Skin: May cause irritation
  Inhalation: Causes respiratory tract irritation
  Ingestion: Causes digestive tract irritation
- **Primary irritant effect:**
  On the skin: Not established
  On the eye: Not established
- **Sensitization:** Not established
- **Additional toxicological information:** None identified

SECTION 12: ECOLOGICAL INFORMATION

- **Ecotoxilogical effects:** No data is available on the adverse effects of this material on the environment.
- **Other information:** N/A
- **General notes:** N/A

SECTION 13: DISPOSAL CONSIDERATION

- **Product:**
  Recommendation
  Disposal should be done in accordance with all federal, state and local environmental regulations.
  This product is not a hazardous waste according to local regulations.
- **Packaging:**
  Recommendation
  Disposal should be done in accordance with all federal, state and local environmental regulations.
  This product is not a hazardous waste according to local regulations.

SECTION 14: TRANSPORT INFORMATION

- **DOT regulations:** Not regulated
- **Land transport ADR/RID:** Not regulated
- **Maritime transport IMDG:** Not regulated
- **Air transport ICAO-TI and IATA-DGR:** Not regulated

SECTION 15: REGULATORY INFORMATION

- **Hazard Communication Standard (HCS) 29 CFR 1910.1200(g), revised in 2012**
- **EC directives: 91/155/EEC, 93/112/EC, 88/379/EEC**
- **National regulations: Chemical (Hazard Information and Packaging) Regulations: ChemG (Austria)**
- **Water hazard class:** N/A
- **Note:** Please note that there may be additional legal provisions to be observed. We recommend that you keep yourself informed about all applicable international, national and local regulations.

SECTION 16: OTHER INFORMATION

To the best of our knowledge, the information contained herein is accurate. However, neither Greiner Bio-One nor any of its subcontractors or suppliers assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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