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	<b>VACUETTE® Urine CCM Tubes</b>	

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

- **Product Name:** VACUETTE® Urine CCM Tubes
- **Manufacturer/Supplier:**

### AUSTRIA

Greiner Bio-One GmbH  
Bad Haller Strasse 32  
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Austria  
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## SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

- **Description:** VACUETTE PET Tube (Polyethyleneterephthalate) with
- **Chemical name:** CCM-Additive
- **CAS No.** 1303-96-4, 10043-35-3
- **Quantity of substances:** < 1%
- **Exposure limits:** N/A

## SECTION 3: HAZARDS IDENTIFICATION

- **Hazard description:** Chemical content may damage fertility or the unborn child and causes serious eye irritation.
- **Health effects:**
  - Acute exposure effect:**
  - Skin:** Causes severe irritation. May cause burns, especially if skin is wet or moist.
  - Eyes:** Causes severe irritation and may cause burns. May cause eye damage.
  - Inhalation:** May cause severe irritation of the respiratory tract and may cause burns.
  - Ingestion:** Harmful if swallowed and may be fatal.



If exposed or concerned get medical advice/attention
- **Repeated Exposure Effects:**  
not known
- **Medical conditions which might be aggravated:**  
not known

## SECTION 4: FIRST AID MEASURES

- **Skin:** Wash with soap and copious amounts of water. Remove contaminated clothing. Wash clothing and thoroughly clean shoes before reuse. Get medical attention.
- **Eyes:** Flush eyes with copious amounts of water for at least 15 minutes. Get medical attention.
- **Inhalation:** Remove to fresh air. If breathing is difficult, give oxygen.
- **Ingestion:** 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.
- **Information about protection against explosions and fires:** Avoid contact with incompatible material, minimize dust generation and accumulation. Material must be handled with adequate ventilation.
- **Storage:**  
**Requirements to be met by storerooms and receptacles:** Keep container closed when not in use. Store in a cool, dry, well-ventilated area.  
**Information about storage in one common storage facility:** Keep container closed when not in use. Store in a cool, dry, well-ventilated area.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

- **Additional information about design of technical systems:** Use general or local exhaust ventilation to reduce exposure.
- **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:** None required, where adequate ventilation conditions exist. For conditions where dust is apparent and engineering controls are not feasible, a NIOSH/MSHA approved respirator is recommended. If concentration exceeds capacity of respirator, a self-contained breathing apparatus is recommended.  
**Hand protection:** Wear appropriate protective gloves to prevent skin exposure.  
**Eye protection:** Use chemical safety goggles  
**Body protection:** Wear appropriate protective clothing to prevent skin exposure.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- **General information**  
**Form:** Crystalline powder  
**Color:** White  
**Odor:** Odorless
- **PH-value:** Not determined
- **Change in condition:** Not determined
- **Flash point:** N/A
- **Flammability (solid, gaseous):** N/A
- **Danger of explosion:** Product does not present an explosion hazard
- **Vapor pressure:** Not determined
- **Density:** Not determined
- **Solubility in/Miscibility w/H<sub>2</sub>O:** Soluble
- **Organic solvents:** N/A
- **Solids content:** N/A

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## SECTION 10: STABILITY AND REACTIVITY

- **Thermal decomposition / conditions to avoid:** No decomposition if used according to specifications.
- **Materials to avoid:** Anhydrid substances, oxidizing agents.
- **Dangerous reactions:** Stable; none known
- **Hazardous decomposition products:** Boric acid, carbon oxide.

## SECTION 11: TOXICOLOGICAL INFORMATION

- **Acute toxicity** (LD 50 oral rat > 200 mg/kg)  
**Eye:** Severely irritating to the eyes.  
**Skin:** Severely irritating to the skin.  
**Inhalation:** Harmful if inhaled and may be fatal.  
**Ingestion:** Toxic if swallowed.
- **Primary irritant effect:**  
**On the skin:** Severely irritating to the skin.  
**On the eye:** Severely irritating to the eyes.
- **Sensitization:** Not established
- **Additional toxicological information:**  
**Chronic:** not known

## SECTION 12: ECOLOGICAL INFORMATION



- **Ecotoxicological effects:** Unspecified. No data is available on the adverse effects of this material on the environment.
- **Other information:** The ecological effects have not been thoroughly investigated, but currently none have been identified.

## SECTION 13: DISPOSAL CONSIDERATION

- **Product:**  
**Recommendation**  
 Disposal should be done in accordance with all federal, state and local environmental regulations. Disposal must be made according to the regulations found in 40 CFR 261. 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. Disposal must be made according to the regulations found in 40 CFR 261. This product is not a hazardous waste according to local regulations.  
**Recommended cleansing agent**  
 Water, if necessary with cleansing agents

## 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

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#### SECTION 15: REGULATORY INFORMATION

- **Hazard Communication Standard (HCS) 29 CFR 1910.1200(g), revised in 2012**
- **EC directives: 1907/2006 EG, 1272/2008 EG**
- **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.