

 greiner bio-one Page 1 / 3	SAFETY DATA SHEET acc. to ISO 11014, 29 CFR 1910.1200	 greiner bio-one A AN SOP 04.03.02-180 Rev.00 Valid from: 09/22/2014
	VACUETTE® Urine Culture	

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

- **Product Name:** VACUETTE® Urine Culture
- **Manufacturer/Supplier:**

AUSTRIA

Greiner Bio-One GmbH
Bad Haller Strasse 32
4550 Kremsmünster
Austria
Tel: (++43) 7583 6791-0
Fax: (++43) 7583 114
Email: office@at.gbo.com

USA

Greiner Bio-One North America Inc.
4238 Capital Drive
Monroe, NC 28110
USA
Tel: (++1) 888-286-3883
FAX: (++1) 800-726-0052
Email: info@us.gbo.com

BRASIL

Greiner Bio-One Brasil
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

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

- **Description:** VACUETTE® PET Tube (Polyethyleneterephthalate) with:
- **Chemical name:** Boric acid ≥99,8% p.a., ACS, ISO
- **CAS No.** 10043-35-3
- **Quantity of substances:** < 1%
- **Exposure limits:** N/A

SECTION 3: HAZARDS IDENTIFICATION

- **Hazard description:** If used as intended and handled in a correct manner in accordance with our instruction for use no particular hazards to human health will occur.

SECTION 4: FIRST AID MEASURES

- **Skin:** Immediately wash with copious amounts of water.
- **Eyes:** Flush eyes with copious amounts of water for at least 15 minutes. Get medical attention.
- **Inhalation:** Remove to fresh air. Get medical attention.
- **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.

 greiner bio-one Page 2 / 3	SAFETY DATA SHEET acc. to ISO 11014, 29 CFR 1910.1200	 greiner bio-one A AN SOP 04.03.02-180 Rev.00 Valid from: 09/22/2014
	VACUETTE® Urine Culture	

SECTION 6: ACCIDENTAL RELEASE MEASURES

- **Personal precautions:** Avoid raising dust. Wear suitable protective clothing.
- **Environmental precautions:** N/A
- **Methods for cleaning up:** Carefully sweep up and hold for waste disposal. Ventilate area and wash spill site after material pickup is complete..

SECTION 7: HANDLING AND STORAGE

- **Handling:**
Advice for safe handling: Suitable for any general chemical storage area.
Information about protection against explosions and fires: N/A.
- **Storage:**
Requirements to be met by storerooms and receptacles: Keep container tightly closed. Store in a cool place.
Information about storage in one common storage facility: Suitable for any general chemical storage area. Avoid contact with foods and beverages.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

- **Control parameters:** N/A
- **Personal protective equipment:**
General protective and hygienic measures: Keep away from foods and beverages. 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.
Respiratory protection: None required, where adequate ventilation conditions exist. If airborne concentration is high, 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: Solid
Color: Transparent
Odor: Odorless
- **PH-value:** N/A
- **Change in condition**
 Melting point/Melting range: 169°C
- **Boiling point/Boiling range:** 300°C
Flash point: >355°C
- **Flammability (solid, gaseous):** N/A
- **Danger of explosion:** N/A
- **Vapor pressure:** N/A
- **Density:** approx. 1,435 g/cm³ (at 20°C)
- **Solubility in/Miscibility w/H₂O:** Soluble
- **Organic solvents:** N/A
- **Specific gravity:** N/A

SECTION 10: STABILITY AND REACTIVITY

- **Thermal decomposition / conditions to avoid:** Sensitive to moisture .
- **Materials to avoid:** Anhydride.
- **Dangerous reactions:** No dangerous reactions known

 greiner bio-one Page 3 / 3	SAFETY DATA SHEET acc. to ISO 11014, 29 CFR 1910.1200	 greiner bio-one A AN SOP 04.03.02-180 Rev.00 Valid from: 09/22/2014
	VACUETTE® Urine Culture	

- **Hazardous decomposition products:** None identified

SECTION 11: TOXICOLOGICAL INFORMATION

- **Acute toxicity** (LD 50 oral rat > 2000 mg/kg)
Eye: May cause irritation
Skin: May cause 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:** Ingestion or absorption may cause nausea, vomiting, diarrhea, abdominal cramps, erythematous lesions on the skin and mucous membranes. Other symptoms include: circulatory collapse, tachycardia, cyanosis, delirium, convulsions and coma.

SECTION 12: ECOLOGICAL INFORMATION

- **Ecotoxicological 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.
- **Packaging:**
Recommendation
 Disposal should be done in accordance with all federal, state and local environmental 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.