

| | | |
|---|---|--|
|  greiner bio-one Page 1 / 4 | SAFETY DATA SHEET acc. to ISO 11014, 29 CFR 1910.1200 |  greiner bio-one A AN SOP 04.03.02-090 Rev.01 Valid from: Sept 12, 2016 |
| | VACUETTE® Z No Additive Blood Collection Tube | |

STATEMENT

According to the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard or the European Directives 91/155/EEC, 88/379/EEC and 67/548/EEC, this product is considered an "article" and does not require a Material Safety Data Sheet. According to the mentioned agencies, an article is an item which is formed into a specific shape or design during manufacture and which does not release or otherwise result in exposure to a hazardous chemical under normal use.

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

- **Product Name:** VACUETTE® Z No Additive Blood Collection Tube
- **Manufacturer/Supplier:**

AUSTRIA

Greiner Bio-One GmbH
Bad Haller Strasse 32
4550 Kremsmünster
Austria
Tel: (+43) 7583 6791-0
Fax: (+43) 7583 6791-1114
Email: office@at.gbo.com
Emergency phone number: (+43) 7583 6791-0

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
Emergency phone number: (+1) 888-286-3883

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
Emergency phone number: (+55) 19 3468-9600

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
Emergency phone number: (+66) 38-465633

- **Recommended use / restrictions of use :**
To collect, transport and process blood for testing serum, plasma or whole blood in the clinical laboratory. To be used only by trained healthcare professionals according to instructions of use.

SECTION 2: HAZARDS IDENTIFICATION

- **Classification according to NFPA 704:** N/A
- **Classification according to Regulation (EC) No. 1272/2008 [EU-GHS/CLP]:** N/A
- **Classification according to EU Directives 67/548/EEC or 1999/45/EC:** N/A
- **Signal Word:** N/A
- **Hazard Statements:** N/A
- **Precautionary Statements:** N/A

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

- **Description:** VACUETTE PET Tube (Polyethyleneterephthalate)
- **Chemical name:** N/A
- **CAS No.** N/A
- **Quantity of substances:** N/A

| | | |
|---|---|--|
|  greiner bio-one Page 2 / 4 | SAFETY DATA SHEET acc. to ISO 11014, 29 CFR 1910.1200 |  greiner bio-one A AN SOP 04.03.02-090 Rev.01 Valid from: Sept 12, 2016 |
| | VACUETTE® Z No Additive Blood Collection Tube | |

SECTION 4: FIRST AID MEASURES

- **Hazard description:** N/A
- **Acute exposure effect:** N/A
- **Skin:** N/A
- **Eyes:** N/A
- **Inhalation:** N/A
- **Ingestion:** N/A

SECTION 5: FIRE-FIGHTING MEASURES

- **Suitable extinguishing media:** Use extinguishing media appropriate for surrounding fire.
- **Protective equipment:** Firefighters should wear proper protective equipment.
- **Special hazards arising from the substance or mixture:** N/A

SECTION 6: ACCIDENTAL RELEASE MEASURES

- **Personal precautions:** N/A
- **Methods for cleaning up:** N/A
- **Methods of containment:** N/A
- **Emergency procedures:** N/A

SECTION 7: HANDLING AND STORAGE

- **Handling:**
Advice for safe handling: N/A
Information about protection against explosions and fires: N/A
- **Storage:**
Requirements to be met by storerooms and receptacles: N/A
Information about storage in one common storage facility: N/A

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

- **Exposure limits:**
 OSHA PEL: N/A
 ACGIH TLV : N/A
 Other recommended limits : N/A
- **Control parameters:** N/A
- **Personal protective equipment:** N/A
General protective and hygienic measures: N/A
Breathing equipment: N/A
Hand protection: N/A
Eye protection: N/A
Body protection: N/A
- **Special requirements for PPE:** N/A
- **Hygiene measures:** N/A
- **Appropriate engineering controls:** N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance:** N/A
Form: N/A
Color: N/A
- **Odor:** N/A
- **Odor Threshold:** N/A
- **PH-value:** N/A
- **Melting point / Melting range:** N/A

| | | |
|---|---|--|
|  greiner bio-one Page 3 / 4 | SAFETY DATA SHEET acc. to ISO 11014, 29 CFR 1910.1200 |  greiner bio-one A AN SOP 04.03.02-090 Rev.01 Valid from: Sept 12, 2016 |
| | VACUETTE® Z No Additive Blood Collection Tube | |

- **Initial boiling point / boiling range:** N/A
- **Flash point:** N/A
- **Flammability (solid, gaseous):** N/A
- **Danger of explosion:** N/A
- **Vapor pressure:** N/A
- **Density:** N/A
- **Solubility in/Miscibility w/H₂O:** N/A
- **Organic solvents:** N/A
- **Solids content:** N/A
- **Partition coefficient: n-octanol/water:** N/A
- **Auto-ignition temperature:** N/A
- **Decomposition temperature:** N/A
- **Viscosity:** N/A
- **Oxidizing properties:** N/A

SECTION 10: STABILITY AND REACTIVITY

- **Reactivity:** No data available
- **Chemical Stability:** No data available
- **Possibility of hazardous reactions:** No data available
- **Conditions to avoid:** No data available
- **Incompatible materials:** No data available
- **Hazardous decomposition products:** No data available

SECTION 11: TOXICOLOGICAL INFORMATION

- **Acute toxicity:** N/A
- **Eye:** N/A
- **Skin:** N/A
- **Inhalation:** N/A
- **Ingestion:** N/A
- **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


- **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. 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

| | | |
|---|---|--|
|  greiner bio-one Page 4 / 4 | SAFETY DATA SHEET acc. to ISO 11014, 29 CFR 1910.1200 |  greiner bio-one A AN SOP 04.03.02-090 Rev.01 Valid from: Sept 12, 2016 |
| | VACUETTE® Z No Additive Blood Collection Tube | |

- **Maritime transport IMDG:** Not regulated
- **Air transport ICAO-TI and IATA-DGR:** Not regulated

SECTION 15: REGULATORY INFORMATION

- **OSHA, 29 CFR 1910.1200(g) and Appendix D. United Nations Globally Harmonized System of Classification and Labelling of Chemicals (GHS), third revised edition, United Nations, 2009**
- **EC directives: 91/155/EEC, 93/112/EC, 88/379/EEC**
- **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.