

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

- 1.1 Product name: TECHNOTHROMBIN® TGA Kit, 3 x 16 T. REF 5006010
 TECHNOTHROMBIN® TGA RA, 5 x 0.5 mL REF 5006205
 TECHNOTHROMBIN® TGA RA, 50 x 0.5 mL REF 5006206
 TECHNOTHROMBIN® TGA RB, 5 x 0.5 mL REF 5006209
 TECHNOTHROMBIN® TGA RB, 50 x 0.5 mL REF 5006210
 TECHNOTHROMBIN® TGA RC low, 5 x 0.5 mL REF 5006212
 TECHNOTHROMBIN® TGA RC low, 50 x 0.5 mL REF 5006213
 TECHNOTHROMBIN® TGA RC high, 5 x 0.5 mL REF 5006214
 TECHNOTHROMBIN® TGA RC high, 50 x 0.5 mL REF 5006216
 TECHNOTHROMBIN® TGA RD, 5 x 1.5 mL REF 5006220
 TECHNOTHROMBIN® TGA RD, 50 x 1.5 mL REF 5006222
 TECHNOTHROMBIN® TGA SUB, 5 x 1.5 mL REF 5006235
 TECHNOTHROMBIN® TGA SUB, 50 x 1.5 mL REF 5006230
 TECHNOTHROMBIN® TGA Calibrator Set, 1 Set REF 5006345
 TECHNOTHROMBIN® TGA Control High, 5 x 1 mL REF 5006320
 TECHNOTHROMBIN® TGA Control Low, 5 x 1 mL REF 5006330
 TECHNOTHROMBIN® TGA MFC, 5 x 0.5 mL REF 5006350
- 1.2. Recommended use: For research use only
- 1.3. Manufacturer: Technoclone GmbH
 Brunner Str. 59/5
 1230 Vienna
 AUSTRIA
 Tel. + 43 1 86373 - 0
 Fax + 43 1 86373 - 44
- 1.4 Emergency Email: sales@technoclone.com
- 1.5 Emergency Phone: +43 1 86373 -10 (08:00 – 16:00 h)

2. HAZARDS IDENTIFICATION

- 2.1 Emergency overview: Liquid solution. Presents little hazard if spilled or in fire.
- 2.2 Health Hazard: Powder regarded as having very low health hazard.

3. COMPOSITION, INFORMATION ON INGREDIENTS

- TGA RA, Iyo. Low conc. of phospholipid micelles in Tris-Hepes-NaCl buffer
- TGA RB, Iyo. recombinant human tissue factor, phospholipids, buffer substances (Tris, Hepes), sodium chloride
- TGA RC low, Iyo. recombinant human tissue factor, phospholipids, buffers (Tris, Hepes), sodium chloride
- TGA RC high, Iyo. recombinant human tissue factor, phospholipids, buffers (Tris, Hepes), sodium chloride
- TGA RD phospholipids, buffers (Tris, Hepes), sodium chloride
- TGA SUB, Iyo. fluorogenic peptide substrate, Hepes buffer substance, calcium chloride, dimethylsulfoxide (1,9%)
- TGA Calibrator Set TGA CAL, Iyo (bovine thrombin and albumin, Hepes buffer, sodium chloride) and TGA BUF, Iyo (Hepes buffer, sodium chloride, bovine serum albumin)
- TGA Control High, Iyo. human plasma, Hepes buffer, Glycine

TGA Control Low, Iyo. human plasma, Hepes buffer, Glycine
TGA MFC obtained from specifically prepared platelet poor plasma by centrifugation and filtration

Hazard classification: None
CAS No: None

4. FIRST-AID MEASURES

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| 4.1 | General: | Miscible with water. |
| 4.2 | Eyes: | Flush eyes with water. If persistent irritation occurs, seek medical advice. |
| 4.3 | Skin contact: | Wash with water. |
| 4.4 | Ingestion: | Wash mouth thoroughly with water and drink water. If substance has been swallowed, drink large quantities of water. |
| 4.5 | Inhalation: | Not applicable. |

5. FIRE-FIGHTING MEASURES

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| 5.1 | Extinguishing media: | Use extinguishing media appropriate for surrounding fire. |
| 5.2 | Flammable properties: | Not flammable. This product does not present any fire or explosion hazard. |

6. ACCIDENTAL RELEASE MEASURES

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| 6.1 | Personal precautions: | Wear gloves, other protection is not necessary. |
| 6.2 | Cleanup procedures: | Immediately clean up any spillage of specimens with a 1:10 dilution of 5% sodium hypochlorite or with a similar solution. |

7. HANDLING AND STORAGE

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| 7.1 | Handling precautions: | No special precautions |
| 7.2 | Storage: | Store at +2 – 8 °C |

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

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| 8.1 | General protective and hygienic measures: | The usual precautionary measures are to be adhered to when handling chemicals. |
| 8.2 | Eye protection: | Eye protection is recommended. |
| 8.3 | Protection of hands: | The glove material has to be impermeable and resistant to the product/the substance/the preparation. |
| | Material of gloves: | Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the chemical mixture The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application |

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| Penetration time of glove material: | The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed. |
| 8.4 Ventilation: | No particular ventilation requirements. |
| 8.5 Protective clothing: | Protective clothing is not necessary. |

9. PHYSICAL AND CHEMICAL PROPERTIES

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| 9.1 Appearance: | Liquid, Powder |
| 9.2 Color: | Colorless |
| 9.3 Solubility: | Miscible with water. |
| 9.4 Specific gravity: | Not applicable |
| 9.5 pH-value: | 6-8 |

10. STABILITY AND REACTIVITY

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| 10.1 Hazardous reactions: | None known if handled correctly |
| 10.2 Hazardous decomposition products: | None |

11. TOXICOLOGICAL INFORMATION

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| 11.1 Acute toxicity: | Not known |
| 11.2 Skin effects: | Not known |
| 11.3 Eye effects: | Not known |
| 11.4 Further toxicological information: | No cases of intoxication known so far. Human Plasma used for production of controls and standards is derived exclusively from donors who have been tested negative for antibodies against HIV, HCV and HBs antigen using approved test procedures. Nevertheless human plasma should be considered as potentially infectious and handled with care. |

12. ECOLOGICAL INFORMATION

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| 12.1 Summary: | This product is readily miscible with water and rated not toxic. Not known potential for bioaccumulation. |
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13. DISPOSAL CONSIDERATION

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| 13.1 General information: | Disposal should be made in accordance with existing disposal practices employed for biological material |
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14. TRANSPORT INFORMATION

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| 14.1 General Information: | Transportation of the product is not regulated by ADR. Fragile containers, handle with care. |
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15. REGULATORY INFORMATION

- 15.1 EU regulations: This product is not in accordance with danger material regulation and the appropriate European Union guidelines marking requiring

16. OTHER INFORMATION

This Safety Data Sheet complies with the European Community Directive 1907/2006/EG.

All information and instructions provided in this Safety Data Sheet are based on the current state of scientific and technical knowledge at the date indicated on this Safety Data Sheet. Technoclone GmbH shall not be held responsible for any defect in the product covered by this Safety Data Sheet, should the existence of such a defect not be detectable considering the current state of scientific and technical knowledge.

It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.