

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

- 1.1 Product name:
- |   |     |         |
|---|-----|---------|
| TECHNOTHROMBIN® TGA Kit, 3 x 16 t.        | REF | 5006010 |
| TECHNOTHROMBIN® TGA Kit WB, 48 t.         | REF | 5006015 |
| 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 2 mL          | REF | 5006220 |
| TECHNOTHROMBIN® TGA RD, 50 x 2 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 C1, 5 x 1 mL          | REF | 5006310 |
| TECHNOTHROMBIN® TGA C2, 5 x 1 mL          | REF | 5006320 |
| TECHNOTHROMBIN® TGA C3, 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 recombinant human tissue factor, 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 C1, Iyo.       | human plasma, Hepes buffer, Glycine  |
| TGA C2, Iyo.       | human plasma, Hepes buffer, Glycine  |
| TGA C3, 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

|     |               |   |
|-----|---------------|---|
| 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

|     |                       |  |
|-----|-----------------------|--|
| 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

|     |                       |   |
|-----|-----------------------|---|
| 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

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

#### 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

|     |   |  |
|-----|---|--|
| 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.<br>Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the chemical mixture |
|     | Material of gloves:                       | The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer   |

|     |                                     |  |
|-----|-------------------------------------|--|
|     | Penetration time of glove material: | 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<br>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.  |

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## **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                  |

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## **10. STABILITY AND REACTIVITY**

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

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## **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.<br><br>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. |

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## **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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