

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

- 1.1 Product name:
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|---|-------------|
| 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 0.5 mL        | REF 5006220 |
| TECHNOTHROMBIN® TGA RD, 50 x 0.5 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 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, lyo. Low conc. of phospholipid micelles in Tris-Hepes-NaCl buffer
- TGA RB, lyo. recombinant human tissue factor, phospholipids, buffer substances (Tris, Hepes), sodium chloride
- TGA RC low, lyo. recombinant human tissue factor, phospholipids, buffers (Tris, Hepes), sodium chloride
- TGA RC high, lyo. recombinant human tissue factor, phospholipids, buffers (Tris, Hepes), sodium chloride
- TGA RD recombinant human tissue factor, phospholipids, buffers (Tris, Hepes), sodium chloride
- TGA SUB, lyo. 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. 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 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.  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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