

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

- 1.1 Product name: CEVERON® TGA Kit f. Thrombophilia, 3 x 16 t. REF 5006012
 CEVERON® TGA Kit f. Haemophilia, 3 x 16 t. REF 5006214
 CEVERON® TGA RC low, 5 x 1 mL REF 5006224
 CEVERON® TGA RC low, 50 x 1 mL REF 5006225
 CEVERON® TGA RC high, 5 x 1 mL REF 5006227
 CEVERON® TGA RC high, 50 x 1 mL REF 5006228
 CEVERON® TGA RD, 5 x 1 mL REF 5006240
 CEVERON® TGA RD, 50 x 1 mL REF 5006241
 CEVERON® TGA SUB, 5 x 3 mL REF 5006237
 CEVERON® TGA SUB, 50 x 3 mL REF 5006239
 CEVERON® TGA C1, 5 x 1 mL REF 5006312
 CEVERON® TGA C2, 5 x 1 mL REF 5006322
 CEVERON® TGA C3, 5 x 1 mL REF 5006332
 CEVERON® TGA Calibrator Set, 1 Set REF 5006347
 CEVERON® TGA BUF [1], 5 x 3 mL REF 5006362
 CEVERON® TGA Reaction BUF [2], 5 x 3 mL REF 5006370
 CEVERON® TGA Reaction BUF [2], 50 x 3 mL REF 5006372
- 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 reagent C (RC) Low	Low conc. of phospholipid micelles containing ~ 5 pM rhTF in Tris-Hepes-NaCl buffer
TGA reagent C (RC) High	High conc. of phospholipid micelles containing ~ 5 pM rhTF in Tris-Hepes-NaCl buffer
TGA reagent D	recombinant human tissue factor, phospholipids, buffers (Tris, Hepes), sodium chloride
TGA substrate (SUB)	Fluorogenic substrate 1 mM Z-G-G-R-AMC

TGA control 1 (C1)	Normal human plasma, lyophilized.
TGA control 2 (C2)	Human plasma with increased thrombin generation, lyophilized.
TGA control 3 (C3)	Human plasma with decreased thrombin generation, lyophilized.
TGA Calibrator Set	Hepes-NaCl-buffer containing 0,5 % bovine serum albumin, Tris-Hepes-NaCl buffer, ~1.000 nM thrombin in buffer with BSA
TGA BUF [1]	Hepes-NaCl-buffer containing 0,5 % bovine serum albumin
TGA Reaction BUF [2]	Tris-Hepes-NaCl buffer
TGA thrombin calibrator	~1.000 nM thrombin in buffer with BSA

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

Material of gloves:	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 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
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

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

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

11. TOXICOLOGICAL INFORMATION

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

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

13.1 General information: Disposal should be made in accordance with existing disposal practices employed for biological material

14. TRANSPORT INFORMATION

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

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.