

## 1. Chemical Product and Company Identification

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|------|------------------|--|---|
| 1.1  | Product Name:    | TECHNOZYM <sup>®</sup> vWF:Ag ELISA Kit (96 T.)<br>TECHNOZYM <sup>®</sup> vWF:CBA ELISA Kit (96 T.)<br>Protein C Inhibitor Actibind <sup>®</sup> ELISA Kit (96 T.)<br>Protein C ELISA Kit (96 T.)<br>TECHNOZYM <sup>®</sup> D-Dimer ELISA Kit (96 T.)<br>TECHNOZYM <sup>®</sup> FSME IgG (TBE) (96 T.)<br>TECHNOZYM <sup>®</sup> ADAMTS-13 INH (96 T.)<br>TECHNOZYM <sup>®</sup> ADAMTS-13 INH (48 T.)<br>TECHNOZYM <sup>®</sup> ADAMTS-13 Antigen (96 T.) | REF 5450201<br>REF 5450301<br>REF TC16100<br>REF TC12021<br>REF 2599006<br>REF 7701020<br>REF 5450401<br>REF 5450451<br>REF 5450601 |
| 1.2. | Recommended use: | For in vitro diagnostic use  |   |
| 1.3. | Manufacturer:    | Technoclone GmbH<br>Brunner Str. 67<br>1230 Vienna<br>AUSTRIA<br>Tel. + 43 1 86373 - 0<br>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. Classification: No hazardous product according 1907/2006/EC and 1272/2008/EC
- 2.2. Hazard statement: Some product components (controls, standards) contain human plasma that tested non-reactive for HIV antibody, Hepatitis B Surface Antigen and Anti-HCV. These products, as with all human based specimens, should be regarded as potentially infectious and handled with proper laboratory safety procedures for handling of biological material.
- Other product components (ELISA plate, conjugated antibody) contain proteins of animal or recombinant origin. Although these are not classified as hazardous, they should be handled with proper laboratory safety procedures for handling of biological material and chemicals.

## 3. COMPOSITION, INFORMATION ON INGREDIENTS

- 3.1 Products contain:

Component	Ingredient	CAS no.	Concentration
ELISA plate	coated with different types of product specific proteins or antibodies of either human or other mammalian or recombinant origin	n.a.	n.a.
Calibrators and controls (0.5 mL each)	Human plasma, lyophilized	n.a.	n.a.

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Component	Ingredient	CAS no.	Concentration
Wash buffer concentrate (80 mL)	Sodium Phosphate	10028-24-7	< 5 %
	Tween 20	9005-64-5	≤ 1 %
	Sodium Chloride	7647-14-5	< 10 %
	Merthiolate	54-64-8	< 0.1 %
Incubation buffer (90 mL)	Sodium Phosphate	10028-24-7	< 5 %
	Sodium Chloride	7647-14-5	< 10 %
	BSA	9048-46-8	< 5 %
	Methyliso-thiazoline	55965-84-9	< 0.0015%
Conjugate (12 mL)	antibody conjugate	n.a.	n.a.
Colour Reagent (12 mL)	TMB	54827-17-7	< 0.02 %
STOP solution*	Sulfuric Acid	7664-93-9	< 5 %

\* Stop solution: see separate safety data sheet [102a](#)

#### 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

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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, avoid substance contact                                   |
| 6.2 | Environment related precautions: | no special precautions   |
| 6.3 | Cleanup procedures:              | Take up dry and discard according to the rules for biological material |

#### 7. HANDLING AND STORAGE

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|-----|-----------------------|------------------------|
| 7.1 | Handling precautions: | No special precautions |
| 7.2 | Storage precautions:  | 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 or biological material. |
| 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 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.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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9.1	Appearance:	Solid/liquid
9.2	Colour:	Colourless, white, or blue (incubation buffer)
9.3	Odour:	Odourless
9.4	Solubility:	Miscible with water
9.5	Viscosity:	not applicable
9.6	pH-value:	6 to 8

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## 10. STABILITY AND REACTIVITY

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10.1	Hazardous reactions:	None
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.

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## 12. ECOLOGICAL INFORMATION

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12.1	Summary:	This product is readily miscible with water, rapidly degraded and biodegradable.
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## 13. DISPOSAL CONSIDERATION


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

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14.1 General information:

Not subject to transport regulation of dangerous goods as regulated in ADR/RID, IMDG, IATA and DOT

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## 15. REGULATORY INFORMATION

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The contained information in this MSDS is in accordance with Annex II of regulation no. 1907/2006 (REACH) and in accordance with ANSI "Standard for Hazardous Industrial Chemicals – Material Safety Sheets – Preparation" (ANSI Z400.1-2004) as recommended by US OSHA.

The product/components are not subject to regulation 93/21/EEC about transport and labeling dangerous substances.

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## 16. OTHER INFORMATION

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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.