

**MATERIAL SAFETY DATA SHEET**  
 According to 1907/2006/EG

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

- 1.1 Product name / Code: Technozym<sup>®</sup> t-PA Calibrator Set (5 x 0.5 mL) REF TC12001  
 Technozym<sup>®</sup> t-PA Control Set (2 x 0.5 mL) REF TC12003  
 Technozym<sup>®</sup> PA1-Antigen Calibrator Set (5 x 0.5 mL) REF TC12077  
 Technozym<sup>®</sup> PA1-Antigen Control Set (2 x 0.5 mL) REF TC12079  
 Technozym<sup>®</sup> PAI-1 Actibind<sup>®</sup> Calibrator Set (5 x 0.5 mL) REF TC16077  
 Technozym<sup>®</sup> PAI-1 Actibind<sup>®</sup> Control Set (2 x 0.5 mL) REF TC16079
- 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**

- 3.1 Article contains:
- REF TC12001, REF TC12077 and REF TC16077 contain:  
 5 x 0.5 mL Calibrators lyo. human plasma
- REF TC12003, REF TC12079 and REF TC16079 contain:  
 1 x 0.5 mL Contol high level lyo. human plasma  
 1 x 0.5 mL Control low level lyo. human plasma
- 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.

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**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 precautions: Store +2 – 8°C.

**8. EXPOSURE CONTROLS, PERSONAL PROTECTION**

- 8.1 General protective and hygienic measures: The usual precautionary measures are to be  
 8.2 Eye protection: Eye protection is recommended.  
 8.3 Protection of hands: adhered to when handling biological material.  
 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.  
 8.5 Ventilation: No particular ventilation requirements.  
 8.4 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

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**11. TOXICOLOGICAL INFORMATION**

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| 11.1 | Acute Effects:                     | 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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**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**

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| 15.1 | Safety rules: | This product is not in accordance with danger material regulation and the appropriate European Union guidelines marking requiring. |
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**16. OTHER INFORMATION**

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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.