

MATERIAL SAFETY DATA SHEET

According to 1907/2006/EC

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

- 1.1 Product name: TECHNOZYM® ADAMTS-13 Activity (96T.) REF 5450701
- 1.2 Recommended use: For research use only
- 1.3 Manufacturer: Technoclone GmbH
 Brunner Str. 67
 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. Classification: No hazardous product according to 1907/2006/EC and 1272/2008/EC

3. COMPOSITION, INFORMATION ON INGREDIENTS

- 3.1 Product contains:

Component	Ingredient	CAS no.	concentration
ELISA plate (1 plate)	coated monoclonal antibody (murine protein)	n.a.	n.a.
Activity substrate (2 vials, 6 mL each)	Recombinant peptide and (lyophilized)	n.a.	n.a.
Calibrators and controls (in total 8 vials, 0.5 mL each)	Human plasma, lyophilized	n.a.	n.a.
Wash buffer concentrate (53 mL)	Sodium Phosphate	10028-24-7	< 5%
	Tween 20	9005-64-5	≤ 1%
	Sodium Chloride	7647-14-5	< 10%
Reaction buffer (30 mL)	PIPES	5625-37-6	< 1%
	Magnesiumlactate	18917-93-6	< 1%
Conjugate (12 mL)	Murine 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](#)

The following pages refer to the above kit contents except for the stop solution.

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.

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4.4 Ingestion: plenty of water Wash mouth thoroughly with water and drink

4.5 Inhalation: water. Consult
 Not applicable.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media: use extinguishing media suitable 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
 6.2 Cleanup procedures: Immediately clean up any spillage of
 plasma samples with a 1:10 dilution of 5%
 sodium hypochlorite or other disinfectant, e.g. 70%
 Ethanol

7. HANDLING AND STORAGE

7.1 Handling precautions: No special precautions, use in accordance with
 good laboratory practice (GLP)
 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 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 pre-
 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



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9.1	Appearance:	Liquid, Powder
9.2	Color:	Colorless
9.3	Odor:	odourless
9.4	Solubility	miscible with water
9.5	pH-value:	6-8

10. STABILITY AND REACTIVITY

The Product is stable until the expiration date shown on the box and on the labels when stored at 2 – 8°C.

10.1	Conditions to avoid:	not known
10.2	Materials to avoid:	not known
10.3	Hazardous decomposition products:	not known

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. No 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
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14. TRANSPORT INFORMATION

14.1	General information:	Not subject to transport regulations Fragile containers, handle with care
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15. REGULATORY INFORMATION

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

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.