


MATERIAL SAFETY DATA SHEET
According to 1907/2006/EG

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

- 1.1 Product name / Code: Technoclot PT PLUS (5 x 4 mL) REF 5003220
Technoclot PT PLUS (10 x 10 mL) REF 5003222
- 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:** Skin Sensitization, category 1* -
* classification only applies to component "Technoclot PT Plus Solvent"
- 2.2. **Label elements:**
- Pictogram:  nickel sulfate
- Signal Word: Warning
- Hazard Statements: H317: may cause an allergic skin reaction
- Precautionary Statements: P261, P280, P302+P352, P333 +P313
- Hazard Symbols: Xi
- R-Phrases: R43
- S-Phrases S 53-45-60-61
- 2.3. **Other Hazards:** none

3. COMPOSITION, INFORMATION ON INGREDIENTS

- 3.1. Article contains two components:
- 1) Technoclot PT Plus Solvent: buffer (contains nickel sulfate)
 - 2) Technoclot PT Plus: lyophilized extract of rabbit brain
- REF 5003220 contains:
- REF 5003124: 5 vials á 4 mL, Technoclot PT Plus Solvent and
 - REF 5003142: 5 vials, á 4 mL, Technoclot PT Plus
- REF 5003222 contains
- REF 5003122: 10 vials á 10 mL, Technoclot PT Plus and
 - REF 5003140: 10 vials, á 10 mL, Technoclot PT Plus Solvent

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4. FIRST AID MEASURES

- 4.1 Eyes: Flush eyes with water, if persistent irritation occurs, see medical advice
 4.2 Skin contact: Wash with plenty of soap and water
 4.3 Ingestion: Drink water, seek medical advice

5. FIRE-FIGHTING MEASURES

- 5.1 Extinguishing media: use extinguishing measures appropriate to local circumstances
 5.2 Special hazards: none

6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions: Wear gloves, avoid substance contact
 6.2 Cleanup procedures: Take up dry and discard according to the rules for biological material

7. HANDLING AND STORAGE

- 7.1 Handling precautions: No special precautions
 7.2 Storage precautions: 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 through 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: Solid/Liquid
 9.2 Colour: Colourless/green
 9.3 Odour: Odourless
 9.4 Solubility: Miscible with water
 9.5 Viscosity: No data available
 9.6 pH-value: No data available

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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.

Raw material used for production is exclusively derived from healthy animals.

12. ECOLOGICAL INFORMATION

- 12.1 Summary: This product is readily miscible with water, rapidly degraded and biodegradable.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

- 14.1 General information: Not subject to transport regulations
Fragile containers, handle with care

15. REGULATORY INFORMATION

- 15.1. Safety rules: Not subject to regulation under the European Community Directive 93/21/EEC about transport and labeling dangerous substances.

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.