

MATERIAL SAFETY DATA SHEET
 According to 91/155 EEC

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

- 1.1 Product name / Code: Genotyping Kit-Venous Thrombosis (22 T.) REF TC11170
- 1.2. Recommended use: In-vitro diagnostic
- 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 Phone: +43 1 86373 -10

2. COMPOSITION, INFORMATION ON INGREDIENTS

- 2.1 Article contains:
- | | |
|---|--|
| Mastermix (2 x 360 µL)
Size Marker (1 x 20 µL)
Loading buffer (1 x 250 µL)
Sybr [®] Green I (1 x 5 µL sample)
DNA diluent (2 x 3 mL)
Running buffer, 40 x conc.(1 x 50 mL)
Spreadex [®] EL400 Mini Gels (2 Gels) | Taq Polymerase, 1 x buffer (Tris/HCl, KC1, MgCl ₂), dNTP, specific primers
DNA fragments in loading buffer
bromophenol blue and xylene cyanol dye
fluorescent dye, manufactured by Molecular Probes
H ₂ O, sterile, PCR-grade
1,2 M TAE (Tris, Acetat, EDTA)
synthetic polymer, manufactured by Elchrom Scientific AG |
|---|--|

Sybr[®]Green I:
 See separate safety data sheet Nr 104.

The following pages refer to the above kit contents except for Sybr[®]Green I.

Hazard classification:	None
CAS No.	None

3. HAZARDS IDENTIFICATION

- 3.1 Emergency overview: Liquid solution. Presents little hazard if spilled or in fire.
- 3.2 Health Hazard: Regarded as having very low health hazard.

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.

MATERIAL SAFETY DATA SHEET
 According to 91/155 EEC

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: Clean up, contaminated area should be washed with soap and water.

7. HANDLING AND STORAGE

- 7.1 Handling precautions: No special precautions
 7.2 Storage precautions: Store Box A at -20°C.
 Store Rest of Package at +2 – 8°C.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

- 8.1 Ventilation: No particular ventilation requirements.
 8.2 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.
 8.3 Eye protection: Eye protection is recommended.
 8.4 Protective clothing: Protective clothing is not necessary.
 8.5 General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals.

9. PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Appearance: Liquid
 9.2 Color: Colorless or blue (Size marker, Loading buffer)
 9.3 Solubility: Miscible with water.
 9.4 Specific gravity: Not applicable
 9.5 pH-value: 6-8

MATERIAL SAFETY DATA SHEET
According to 91/155 EEC

10. STABILITY AND REACTIVITY

10.1 Stability: Stable and not reactive

11. TOXICOLOGICAL INFORMATION

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.

12. ECOLOGICAL INFORMATION

12.1 Summary: This product is readily miscible with water and rated not toxic. Not known potential for bioaccumulation.

13. DISPOSAL CONSIDERATION

13.1 General information: Disposal should be made in accordance with existing disposal practices.

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

15.1 Safety rules: Not regulated under the European Community Directive 93/21/EC.

16. OTHER INFORMATION

This Safety Data Sheet complies with the European Community Directive 93/112/EC amended 91/155/EC.

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.