

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

- 1.1 Productname: TECHNOCHROM® FXIII (3 x 3 mL) REF 5360010
 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 Kit contents:

mL	reagent	other data
3 x 3	FXIII Activator Reagent	Hepes, Thrombin, Polybrene, Fibrin pol. inh tetrapept.
3 x 3	FXIII Detection Reagent	Hepes, Glycine, α-ketoglutarate, PI, ADP
3 x 3	FXIII NADPH Solution	NADPH
3 x 1	FXIII Inhibitor Reagent	2-iodoacetamide solution (< 1%)
1 x 6	Stabilizer Solution	Sodium azide solution (<1%)

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.

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

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| 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

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| 7.1 | Handling precautions: | No special precautions |
| 7.2 | Storage: | 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 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. |
| | Material of gloves: | Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the chemical mixture
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 | Protective clothing: | Protective clothing is not necessary. |
| 8.6 | Ventilation: | No particular ventilation requirements. |

9. PHYSICAL AND CHEMICAL PROPERTIES

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| 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

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| 10.1 | Hazardous reactions: | None known if handled correctly |
| 10.2 | Hazardous decomposition products: | None |



MATERIAL SAFETY DATA SHEET
According to 1907/2006/EG

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11. TOXICOLOGICAL INFORMATION

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| 11.1 | Acute toxicity: | Pure iodoacetamide is very hazardous in case of congestion or skin contact. The solution in the kit is highly diluted but still hazardous effects may be observed |
| 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

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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 | EU regulations: | 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

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.