MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Product Name	**EPO Purification Kit 3F6**
Article Number	**1390**
Use of the Preparation	**For laboratory use only**

Manufacturer	**MAIIA AB**
Address	**Virdings Allé 22, SE-75450 Uppsala, Sweden**
Telephone	**+46 73 653 01 80**
E-mail adress	**info@maiiadiagnostics.com**

2. HAZARDS IDENTIFICATION

Health hazards:
To the best of our knowledge this preparation is not classified as hazardous according to EU, US or any other known regulations.
Environmental hazards:
The product contains substances with concentrations that are not classified as hazardous to the environment according to EC directive.
Fire and explosion hazards:
None
Physical/chemical hazards:
None

3. COMPOSITION/INFORMATION OF INGREDIENTS

Sodium azide, NaN_3, [CAS No. 26628-22-8, EINECS No. 247-852-1]
Classification: Very toxic; Harmful for the environment

Comp. No.	Reagents	Conc. of NaN_3
101300	Buffer for urine	<0.1%
101250	Buffer for plasma or serum	<0.1%
101240	Exposure aid	<0.1%
101280	Washing buffer	<0.1%
101570	Elution buffer A	<0.1%
101381	Elution buffer B	<0.1%
101560	Elution buffer C	<0.1%
100604	Adjustment buffer A	<0.1%
100951	Adjustment buffer B	<0.1%

Hydrocloric acid, HCl, [CAS No. 7647-01-0, EINECS No. 231-595-7]
Classification: Corrosive material [Class 8, UN 1789]

Comp. No.	Reagents	Conc. of HCl
101570	Elution buffer A	<0.2%

4. FIRST AID MEASURES

Eyes:
Wash eyes immediately with large amounts of water or normal saline, lifting the upper and lower lids occasionally, until no evidence of chemical remains. Get medical attention if adverse reaction occurs.
Skin:
Wash thoroughly with soap and water.
Ingestion:
Do not induce vomiting. Rinse mouth with water, and then drink a cup of water or milk. If any adverse reaction occurs, seek medical attention immediately.
Inhalation:
No special measures necessary; inhalation or aspiration unlikely to occur.

5. FIRE FIGHTING MEASURES

Liquid reagents are not combustible; aqueous solutions.

6. ACCIDENTAL RELEASE MEASURES

Spills:
Blot up with absorbent paper and wipe down surface with soap and water.

7. HANDLING AND STORAGE

Handling and specific use:
See Directions for Use
Storage:
Storage at + 4 to + 8˚C. Do not freeze.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes:
Wear appropriate protective eye glasses.
Skin:
Wear appropriate protective gloves to prevent skin exposure.
Clothing:
Wear appropriate protective clothing to prevent skin exposure.

All recommended Precautions for the handling of human body fluids should be observed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Buffer for urine, Buffer for plasma or serum, Exposure Aid, Washing buffer, Elution buffer B, Elution buffer C:

Appearance:	Clear, colourless liquid
Odour:	None
Boiling Point:	100 ˚C
Vapour Pressure:	Not determined
Vapour Density:	Not determined
Solubility in Water:	Complete
pH of Solution (aqueous):	Neutral pH

Elution buffer A:

Appearance:	Clear, colourless liquid
Odour:	None
Boiling Point:	100 ˚C
Vapour Pressure:	Not determined
Vapour Density:	Not determined
Solubility in Water:	Complete
pH of Solution (aqueous):	Low pH

Adjustment buffer A, Adjustment buffer B:

Appearance:	Clear, colourless liquid
Odour:	None
Boiling Point:	100 ˚C
Vapour Pressure:	Not determined
Vapour Density:	Not determined
Solubility in Water:	Complete
pH of Solution (aqueous):	High pH

10. STABILITY AND REACTIVITY

Stable under normal temperature and pressure.
Hazardous polymerisation will not occur.

Sodium azide is incompatible with benzoyl chloride, potassium hydroxide, bromine, carbon disulfide, chomyl chloride, copper, dibromomalononitrile, dimethyl sulphate lead, nitric acid, siller and mercury. Reacts with lead, silver, mercury to form chock sensitive and explosive metal azides.

11. TOXICOLOGICAL INFORMATION

Though complete toxicity information on this product is not available, none of its components are known to be hazardous at the concentration provided.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Dispose in a manner consistent with federal, state, and local regulations.

14. TRANSPORT INFORMATION

Transport in a manner consistent with federal, state, and local regulations.

15. REGULATORY INFORMATION

The product does not contain a hazardous ingredient in an amount that requires identification and labeling according to EC directives.

Always use good laboratory procedures when handling the product and wear suitable protective clothing. Contamination of reagents may yield incorrect results. Human body fluid must be handled and treated as a potentially infectious agent. Not for internal or external use in humans or animals. Not for *in vitro* diagnostic use. Do not substitute kit reagents with those from other lots or other sources. Do not use reagents beyond their expiration dates.

16. OTHER INFORMATION

Prepared according to EG 1272/2008

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