1. INFORMATION OF THE SUBSTANCE/PREPARATION AND COMPANY

1.1. Product name                          Matrix Erygen - ABO

          Catalogue No    102070032

          Kit components  Matrix Erygen - ABO
                            Package Insert

1.2. Intended use                          In Vitro Diagnostic Use.

1.3. Company                              Tulip Diagnostics (P) Ltd.

                            Plot Nos. 92/96, Phase II C,
                            Verna Industrial Estate,
                            Verna, Goa 403 722
                            INDIA
                            Telephone : +91-832-6624555
                            Fax            : +91-832-2783511
                            E-mail       : sales@tulipgroup.com

1.4. In emergencies                       Call your local emergency center

2. COMPONENTS AND HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>CARD COMPOSITION</th>
<th>HAZARDOUS INGREDIENT</th>
<th>EINECS NR.</th>
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</thead>
<tbody>
<tr>
<td>Matrix Erygen - A1</td>
<td>Material from animal origin</td>
<td>-</td>
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<tr>
<td>Matrix Erygen - B</td>
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<td>Matrix Erygen - O</td>
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3. HAZARDS IDENTIFICATION

Not expected to be a health hazard.

Note: This product is derived from human blood which was found non-reactive for HbsAg, Anti-HIV 1/2 and Anti-HCV. No known test method can offer assurance that products derived from human blood will not transmit infectious disease.

4. FIRST AID MEASURES

Eye contact:  - Rinse immediately with water
              - Do not apply neutralizing agents
              - Consult a doctor/medical service

Skin contact:  - Rinse with water
               - Consult a doctor/medical service if irritation persists

After inhalation:  - Remove the victim into fresh air
                   - Unconscious: maintain adequate airway and respiration
                   - Consult a doctor/medical service if breathing problems develop

After ingestion:  - Never give water to an unconscious person
                  - Consult a doctor/medical service if you feel unwell
5. FIRE FIGHTING MEASURES

Not applicable.

6. ACCIDENTAL RELEASE MEASURES

Personal protection: see 8

Clean-up:
- Take up liquid spill into absorbent material
- Scoop absorbed substance into closing containers
- Carefully collect the spill/leftovers
- Clean contaminated surfaces with an excess of water
- Wash clothing and equipment after handling

7. HANDLING AND STORAGE

Handling:
- Observe normal hygiene standards
- Do not discharge the waste into the drain
- Remove and clean contaminated clothing

Storage:
- Provide for a tub to collect spills
- Meet the legal requirements
- Keep away from: heat sources, acids
- Storage temperature: see component label

Specific purposes:
- NA

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure to persons
Respiratory Protection - Insufficient ventilation: wear respiratory protection
Hand Protection - Gloves
Eye Protection - Face shields
Skin Protection - Protective Clothing

9. PHYSICAL PROPERTIES

Matrix Erygen -ABO : Reagent red cell suspension

10. STABILITY AND REACTIVITY

Stability: The component is stable until expiry date if stored in specified conditions (see label)
Reactivity/Hazardous decomposition products: No hazardous decomposition products are formed in high quantities
Conditions/Materials to avoid: Excessive heat
11. TOXICOLOGICAL INFORMATION

Routes of exposure
Ingestion, inhalation, eyes and skin
Caution! This product is manufactured from human blood and therefore must be considered to be capable of transmitting disease.

12. ECOLOGICAL INFORMATION

- Effect on the ozone layer: Not dangerous for the ozone layer (1999/45/EC)
- Greenhouse effect: No data available
- Effect on wastewater purification: No data available

13. WASTE DISPOSAL CONSIDERATIONS


Disposal methods:
- The component must be considered as hazardous waste. It should be disposed of following local regulations.

14. TRANSPORT INFORMATION

To be handled with care and keep in upright position.

15. OTHER INFORMATION

Labelling Information: R & S phrases not applicable
This product is designed for use by professionals.

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.
It remains the user's own responsibility to make sure that the information is appropriate and complete for his specific use of this product. The user is also responsible for observing any laws and applicable guidelines.

MSDS established : 2017-10-10