1. INFORMATION OF THE SUBSTANCE/PREPARATION AND COMPANY

1.1. Product name

Tulip Protein C

Catalogue nos.

106440010 , 106440020 , 106440040

Kit components

<table>
<thead>
<tr>
<th>Kit</th>
<th>(1) APTT Reagent</th>
<th>(2) Activator</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(3) Calcium chloride 0.025 m solution</td>
<td>(4) Calibratr</td>
</tr>
<tr>
<td></td>
<td>(5) Buffer</td>
<td>(6) Graph Paper</td>
</tr>
<tr>
<td></td>
<td>(7) Instruction leaflet</td>
<td></td>
</tr>
</tbody>
</table>

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: tulipvkn@sancharnet.in

1.4. In emergencies

Call your local emergency center

2. COMPONENTS AND HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>Kit Component</th>
<th>HAZARDOUS INGREDIENT</th>
<th>EINECS NR.</th>
</tr>
</thead>
<tbody>
<tr>
<td>APTT Reagent</td>
<td>0.01 % Thimerosal</td>
<td>200-210-4</td>
</tr>
<tr>
<td>Activator</td>
<td>0.01 % Thimerosal</td>
<td>200-210-4</td>
</tr>
</tbody>
</table>

3. HAZARDS IDENTIFICATION

Data unavailable

4. FIRST AID MEASURES

Eye contact:
- Rinse immediately with water for at least 15 minute. Assure adequate flushing by separating the eyelids with fingers.
- 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
- Wash out mouth with water provided person is conscious.
- Do not induce vomiting
- Consult a doctor/medical service if you feel unwell

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: - All non combustible extinguishing media allowed
- For surrounding fires: all extinguishing media allowed

Unsuitable extinguishing media: - No data available

Special exposure hazards: - On heating/burning: formation of small quantities of nitrous vapors, carbon monoxide, carbon dioxide

Instructions: - Take account of toxic firefighting water
- Use firefighting water moderately and contain it

Special protective equipment for firefighters: - Heat/fire exposure: compressed air/oxygen apparatus
- Heat/fire exposure: gas-tight suit

6. ACCIDENTAL RELEASE MEASURES

Personal protection: see 8

Environmental precautions:
- Prevent soil and water pollution
- Substance must not be discharged into the sewer
- Contain leaking substance, pump over in suitable containers
- Plug the leak, cut off the supply
- Dam up the liquid spill

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 limits
Data unavailable

8.2 Control of Exposure
Provide sufficient ventilation

8.2.1 Exposure to persons

Respiratory Protection - Insufficient ventilation: wear respiratory protection
Hand Protection - Gloves – compatible chemical resistant gloves
Eye Protection - Face shields
Skin Protection - Protective Clothing

8.2.2 Exposure to environment

Aquatic Classification: Data unavailable
Ozone Classification: Data unavailable

The substance is considered as not bioaccumulative: Data unavailable

09 PHYSICAL AND CHEMICAL PROPERTIES

Activator: Lyophilised preparation.
APTT Reagent: Liquid pale yellow activated soyabean cephaloplastin reagent.
Calcium Chloride: 0.025 M solution

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

11 TOXICOLOGICAL INFORMATION

Toxicity and effects
Acute toxicity: Data unavailable
Chronic toxicity: Data unavailable

Routes of exposure
Ingestion, inhalation, eyes and skin
12 ECOLOGICAL INFORMATION

Aquatic toxicity
Thimerosal: Data unavailable

Other information
- Effect on the ozone layer: Data unavailable
- Greenhouse effect: Data unavailable
- Effect on waste water purification: Data unavailable

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

No restrictions.

15 REGULATORY INFORMATION

Classification according to directives 67/548/EEC, 1999/45/EC.

Contains 0.01 % Thimerosal.

16 OTHER INFORMATION

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.