# MATERIAL SAFETY DATA SHEET

## 1 INFORMATION OF THE SUBSTANCE/PREPARATION AND COMPANY

### 1.1. Product name

<table>
<thead>
<tr>
<th>ELECTRA Tp. Ab. CLIA</th>
</tr>
</thead>
</table>

- Catalogue No. 407040096
- Catalogue No. 407040192

### 1.2. Intended use

In Vitro Diagnostic Use.

### 1.3. Company

Qualpro Diagnostics
A Division of Tulip Diagnostics (P) Ltd.
Plot No. 88/89, Phase II C,
Verna Industrial Estate,
Verna, Goa 403 722
INDIA

- Telephone: +91-832-6682000
- Fax: +91-832-2783139
- E-mail: qualpro@tulipgroup.com

### 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>CLASSIFICATION SUBSTANCE</th>
<th>EINECS NR.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Microwell strips</td>
<td>material from animal origin</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Conjugate</td>
<td>material from animal origin</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
3 HAZARDS IDENTIFICATION

According to 1999/45/EG, the preparation is classified as dangerous.

<table>
<thead>
<tr>
<th>CLASSIFICATION</th>
<th>RISKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>R22</td>
<td>Harmful if swallowed</td>
</tr>
<tr>
<td></td>
<td>Animal material is potentially infectious</td>
</tr>
</tbody>
</table>

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

Suitable extinguishing media:
- All non combustible extinguishing media allowed
- For surrounding fires: all extinguishing media allowed
- No data available

Unsuitable extinguishing media:
- On heating/burning: formation of small quantities of nitrous vapors, carbon monoxide, carbon dioxide

Special exposure hazards:
- Take account of toxic firefighting water
- Use firefighting water moderately and contain it
- 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 Control of Exposure

8.1.1 Exposure to persons

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

8.1.2 Exposure to environment

Aquatic Classification: N; R50-53  Very toxic to aquatic organisms.
                          May cause long term adverse effects in the aquatic environment
Ozone Classification:   No data available

The substance is considered as not bioaccumulative: Log Pow = NA
BCF = NA
Not Readily degradable

9 PHYSICAL AND CHEMICAL PROPERTIES

Liquid
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

Sodium Azide:

Toxicity and effects
Acute toxicity:
L50 oral rat : 27 mg/kg
L50 dermal rabbit : 20 mg/kg
Acute effects: Harmful if swallowed
Chronic toxicity: Carcinogenicity (TLV) : A4

Routes of exposure
Ingestion, inhalation, eyes and skin
Caution! These components contain a substance that is absorbed through the skin (sodium azide).

12 ECOLOGICAL INFORMATION

Aquatic toxicity
Sodium azide:
- LC50 (96 h) : 0.8 mg/l (SALMO GAIRDNERI/ONCORHYNCHUS MYKISSL)
- LC50 (96 h) : 0.7 mg/l (LEPOMIS MACROCHIRUS)
- LC50 (48 h) : 9 mg/l (GAMMARUS SP.)

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

13 WASTE DISPOSAL CONSIDERATIONS


Disposal methods:
- The component is potentially infectious. It should be disposed of following established safety procedures and local regulations.
- 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 sodium azide
Xn

R22: Harmful if swallowed
S23: Do not breathe vapour
S46: If swallowed, seek medical advice immediately and show this container or label
S61: Avoids release to the environment. Refer to special instructions/safety data sheets.

16 OTHER INFORMATION

This product is designed for use by professionals.

All animal products and derivatives have been collected from healthy animals. Bovine components, if present, originate from countries where BSE has not been reported.
Risk phrases referred to in paragraph 2 & 3:
R22: Harmful if swallowed
R28: Very toxic if swallowed
R32: Contact with acids liberates very toxic gas
R50: Very toxic to aquatic organisms
R53: May cause long-term adverse effects in the aquatic environment

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Revision number : 00