MATERIAL SAFETY DATA SHEET
(According to 2001/58/EC)
Product: Quantia HbA1c calibrator Set
Doc. No.: MSDS/641

I. INFORMATION OF THE SUBSTANCE/PREPARATION AND COMPANY

1.1. Product name
Quantia HbA1c Calibrator set

Catalogue No.
108063002

Kit components
HbA1c Calibrator

1.2. Intended use
In Vitro Diagnostic Use.

1.3. Company
Tulip Diagnostics (P) Ltd.
Unit II, 1st Floor,
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>INGREDIENT</th>
<th>EINECS NR.</th>
</tr>
</thead>
<tbody>
<tr>
<td>HbA1c Calibrator set</td>
<td>Material from Human origin</td>
<td>200-210-4</td>
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</tbody>
</table>

3. HAZARDS IDENTIFICATION

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

<table>
<thead>
<tr>
<th>CLASSIFICATION PREPARATION</th>
<th>RISKS</th>
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<tbody>
<tr>
<td>Xn; R22, S23-46-61</td>
<td>Harmful if swallowed</td>
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</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
- 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

8.0 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure limit

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
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

9. PHYSICAL AND CHEMICAL PROPERTIES

HbA1c Calibrator: Red colour lyophilized solid.

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
Data unavailable

Other information
- Effect on the ozone layer: Data unavailable
- Greenhouse effect: Data unavailable
- Effect on wastewater purification: Data unavailable
13. WASTE DISPOSAL CONSIDERATIONS

Provisions relating to waste: Data unavailable

disposal methods:
   It should be disposed of following local regulations.

14. TRANSPORT INFORMATION

No restrictions.

15. REGULATORY INFORMATION

Data unavailable

16. OTHER INFORMATION

This product is designed for use by professionals.

The Human source material included in this kit are considered to be free from risk for BSE/CJD & other zoonoses and judged to be non-existent based on:
The material used from Human origin are sources from non – BSE countries (Certificate available). But, handling of reagents, serum or plasma specimens should be in accordance with local safety procedures.

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