



Tulip Diagnostics (P) Ltd.

MATERIAL SAFETY DATA SHEET

(According to 2001/58/EC)

Product : Quantia HbA1c calibrator Set

Doc. No. : MSDS/641

1. 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.
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1.4. In emergencies Call your local emergency center

2. COMPONENTS AND HAZARDOUS INGREDIENTS

Kit Component	INGREDIENT	EINECS NR.
HbA1c Calibrator set	Material from Human origin	200-210-4

3. HAZARDS IDENTIFICATION

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

CLASSIFICATION PREPARATION	RISKS
Xn; R22, S23-46-61	Harmful if swallowed



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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



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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



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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*



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13. WASTE DISPOSAL CONSIDERATIONS

Provisions relating to waste: Data unavailble

disposal methods:

It should be disposed of following local regulations.

14. TRANSPORT INFORMATION

No restrictions.

15. REGULATORY INFORMATION

Data unavailble

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.

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.

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