

## SAFETY DATA SHEET

### Section 1: Identification of the substances/mixture and of the company undertaking

#### 1.2 Product Identifier

**Product Name : QUADRAPED™ Glucose Kit (GOD/POD Method)**  
**Catalog Number : 1126100050**

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Use of substance/mixture : Glucose Kit (GOD/POD Method)** is used for the determination of Glucose in serum , plasma and CSF.

#### 1.3 Details of the supplier of the safety data sheet

**Company Name : Coral Clinical Systems**  
(A Division of Tulip Diagnostics (P) Ltd.)  
Tel : 91-832-6680121  
Fax : 91-832-2887028  
Email : [coral@tulipgroup.com](mailto:coral@tulipgroup.com)

#### 1.4 Emergency Number

**Emergency tel:** +91-832-6624572 / +91-832-6680181

### Section 2 Hazards Identification

#### 2.1 Classification of the substance or mixture

**Classification under CLP:** This product has no classification under CLP.  
The product is regulated as an in vitro diagnostic medical device and is not considered hazardous in accordance with regulation (EC) No.1272/2008.

#### 2.2 Classification of the substance or mixture

**Label elements : NA**  
**Precautionary statements:** P264 : Wash hand thoroughly after handling  
P273 : Avoid release to the environment.  
Store at 2 to 8°C. Keep container tightly closed .

#### 2.3 Other Hazard

**PBT:** This product is not identified as a PBT/VPVB Substance.

### Section 3 : Composition/ Information on Hazardous Ingredients

#### Section 3.1 Substances

## **Coral Clinical Systems**

A Division Of Tulip Diagnostics (P) Ltd.

Building E, Plot No. M-46/47, Phase IIIB, Verna Industrial Estate, Verna, Goa.

**Chemical Identity:** In Vitro Diagnostic test for the determination of Glucose in serum , plasma and CSF.

**Contains:** Contains no hazardous substances in reportable quantities under the CLP.

### **Section 4 : First aid measures**

#### **4.1 Description of first aid measures**

**Inhalation :** Move person to the fresh air. If symptoms occurs seek medical attention immediately.

**Ingestion :** Get medical attention if there has been ingestion of this product.

**Skin Contact :** Avoid skin contact. If skin contact occurs, remove contaminated clothing and wash exposed skin with water for atleast 15 minutes. Get medical attention immediately.

**Eye Contact :** Rinse with water until the product has been eliminated. Get medical attention immediately.

#### **4.2 Most important symptoms and effects, both acute and delayed**

**Skin contact :** There may be mild irritation at the site of contact.

**Eye contact :** There may be irritation to eyes.

**Ingestion :** Nausea if swallowed

**Inhalation :** No symptoms

#### **4.3 Indication of any immediate medical attention and special treatment needed**

**Immediate / special treatment :** Not applicable

### **Section 5 : Fire Fighting Measures**

#### **5.1 Extinguishing Media**

Water spray, CO<sub>2</sub>, dry chemical, foam.

#### **5.2 Special hazard arising from the substance or mixture**

**Exposure Hazard :** CO, CO<sub>2</sub>, Sodium oxide.

Structural fire fighting gear and self contained breathing apparatus will provide adequate protection if this product is in a fire area.

#### **5.3 Advice for fire fighters**

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self contained breathing apparatus. Do not enter fire without proper protective equipment, including respiratory protection.

## **Section 6 : Accidental Release Measures**

### **Section 6.1 Personal precautions, protective equipment and emergency procedures**

1. Refer to section 8 of SDS for personal protection details.
2. Turn leaking containers leak side up prevent the escape of liquid.

### **6.2 Environmental precautions**

This product is not classified as hazardous to the environment. Keep product away from drain and ground water.

### **6.3 Methods and materials for containment and cleaning up**

**Clean-up procedures :** For small spills, clean up with paper/cloth or mop up and dispose off safely. Clean area of spillage down with plenty of water.

### **6.4 Reference to other sections**

Refer to section 8 of SDS

## **Section 7 Handling and Storage**

### **7.1 Precautions and safe handling**

Do not reuse the reagent containers, bottles, caps or plugs due to the risks of contamination and the potential to compromise reagent performance. Appropriate biosafety practices should be used for materials contain or are suspected of containing infectious agents. Handle specimens, solid and liquid waste and test components in accordance with local regulations.

### **7.2 Conditions for safe storage , including any incompatibilities**

**Storage condition:** Store in original container between 2°C to 8°C. Keep the container tightly closed.

**Suitable packaging:** Must only be kept in original packaging.

### **7.3 Specific end use(s)**

**Specific end use(s) :** Refer Section 1.2

## **Section 8 Exposure Controls and Personal Protection**

### **8.1 Control parameters**

**Workplace exposure limits:** Contains no substance with occupational exposure limit values.

**DNEL/PNEC Values**

**DNEL/PNEC** : No data available

**8.2 Exposure Controls**

**Engineering measures** : A system of local / general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source.

**Respiratory Protection** : Respiratory Protection is not required under normal use of this product. If respiratory is needed, follow OSHA respirator regulations (29CFR1910.134) And, if necessary, wear a NIOSH approved respirator. Select respirator based on its suitability to provide worker protection for given working conditions, level of airborne, concentration and presence of sufficient oxygen.

**Eye and Skin Protection:** Wear appropriate eye protection to prevent eye contact. Wear appropriate body protection to prevent skin contact.

**Hand Protection** : Wear appropriate protective gloves to prevent skin contact. Replace torn or punctured gloves promptly.

**Other Engineering Controls** : Eye wash stations and deluge showers

**Section 9 : Physical and Chemical Properties**

**9.1 Information on Basic Physical and Chemical Properties**

**L1 - Glucose Reagent**

|                                  |                               |                               |             |
|----------------------------------|-------------------------------|-------------------------------|-------------|
| State                            | : Liquid                      | Evaporating rate(nBuAc = 1)   | : NA        |
| Colour                           | : Colourless to pink solution | Freezing / Melting Point      | : NA        |
| Odour                            | : Odourless                   | Boiling Point                 | : NA        |
| Relative Vapour density(air = 1) | : NA                          | pH                            | : 7.00± 0.1 |
| Specific Gravity (water = 1)     | : NA                          | Vapour Pressure, mm Hg @ 20°C | : NA        |
| Solubility in Water              | : Soluble                     | Viscosity                     | : NA        |

**S - Glucose Standard**

|                                  |              |                               |      |
|----------------------------------|--------------|-------------------------------|------|
| State                            | : Liquid     | Evaporating rate(nBuAc = 1)   | : NA |
| Colour                           | : Colourless | Freezing / Melting Point      | : NA |
| Odour                            | : Odourless  | Boiling Point                 | : NA |
| Relative Vapour density(air = 1) | : NA         | pH                            | : NA |
| Specific Gravity (water = 1)     | : NA         | Vapour Pressure, mm Hg @ 20°C | : NA |
| Solubility in Water              | : Soluble    | Viscosity                     | : NA |

**Section 9 : Other Information**

**Other Information** : No data available

## **Section 10 : Stability and Reactivity**

### **10.1 Reactivity**

No hazardous reactions are expected because the product is stable under recommended storage condition.

### **10.2 Chemical Stability**

Chemically stable under indicated conditions of storage.

### **10.3 Possibilities of hazardous reactions**

Under the specified conditions, hazardous reactions that lead to excessive temperature or pressures are not expected.

### **10.4 Conditions to avoid**

Heat , contamination .

### **10.5 Incompatible materials**

**Materials to avoid:** Acids, heavy metal and oxidising agent.

### **10.6 Hazardous Decomposition Products**

Thermal decomposition may produce carbon monoxide and carbon dioxide

## **Section 11 : Toxicological information**

### **11.1 Information on Toxicological effects**

**Toxicity Values :** No data available

### **11.2 Symptoms/routes of exposure**

- Eyes (redness)
- Skin (redness)
- Central nervous system (nausea/ vomiting)
- Cardiovascular systems (Hypotension and heart rate variability)
- Digestive systems (nausea/ vomiting/ diarrhea)

## **Section 12 : Ecological Information**

### **12.1 Toxicity**

**Ecotoxicity values:** No data available

**12.2 Persistence and degradability**

No data available

**12.3 Bioaccumulation Potential**

No data available

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB assessment**

**PBT identification :** This product is not identified as a PBT/vPvB substance.

**12.5 Other adverse effects**

Negligible ecotoxicity

**Section 13 : Disposal Consideration**

**13.1 Waste treatment methods**

**Disposal operation:**

- Dispose of reagent and contaminated materials as chemical waste in accordance with local guidelines.
- Do not pour down the drains.
- Container should be rinsed with water and send for disposal.

**Section 14 : Transportation Information**

**14.1 UN Number**

N/A

**14.2 Proper shipping name**

N/A

**14.3 Transport Hazard Class**

N/A

**14.4 Packing group**

N/A

**14.5 Environmental Hazard**

**Environmentally Hazardous:** Reagents in this kit contain Sodium Azide. Improper disposal of sodium azide, such as flushing it down the drain can lead to contamination of wastewater treatment systems .

**Marine pollutant :** NA

**14.6 Special precautions for user**

## **Coral Clinical Systems**

A Division Of Tulip Diagnostics (P) Ltd.

Building E, Plot No. M-46/47, Phase IIIB, Verna Industrial Estate, Verna, Goa.

**Precautions:** Glucose contain sodium azide ( $\text{NaN}_3$ ) as preservative. Sodium azide has been reported to form lead or copper azide in laboratory plumbing, which may explode on percussion. Flush drains with large volumes of water thoroughly after disposing off the fluids containing sodium azide.

### **Section 15 : Regulatory Information**

#### **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

**Specific regulation:** Applicable national/regional or local regulations.

Safe for all kinds of modes of transportation.

#### **15.2 Chemical safety assessment**

The Glucose (GOD/POD) contain sodium azide ( $\text{NaN}_3$ ) as preservative.

### **Section 16 : Other Information**

**Other Information :** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

**Legal disclaimer :** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.