



## **Material Safety Data Sheet**

According to EC Directive 91/155/EEC

Date of issue: May 2006

Supersedes edition of

### **1 – Identification of substance/preparation and of the company /undertaking**

#### **Identification of the product**

Catalogue No: PT-G6PD-96

Product name: Glucose Phosphate Dehydrogenase fluorescence spot Kit

**Use of substance/preparation:** In vitro Diagnosis used only

**Company / undertaking identification:** Pishtaz Teb Zaman Diagnostics

### **2 – Composition /information on ingredients**

**Reagents:** Kit reagents are not considered hazardous exception sodium azide that is poison.

#### **Buffer solution (#1)**

Tris (CAS # 77-86-1)

HCL (CAS # 6747-01-0)

Sodium Azide(CAS # 26628-22-8)

#### **Substrate Solution (#2)**

manitol (CAS # 69-65-8)

Glucose -6 – phosphate, 2Na (CAS # 3671-99-6)

Gluththione(CAS # 70-18-8)

NADP (CAS # 53-59-8)

Saponin(CAS # 8047-15-2)

### **3 – Hazards identification**

#### **HMIS Rating:**

Health: 1    Flammability: 0    Reactivity: 0

#### **NFPA Rating:**

Health: 1    Flammability: 0    Reactivity: 0

**Routes of entry:** Avoid ingestion and inhalation; avoid contact with skin, eyes.

**Potential Acute Health Effects:** May cause skin, eye, or lung irritation.

**Carcinogenic Effects Data:** Not available

**Chronic Effects of Overexposure:** Not available

**Solubility in Water:** Liquids readily miscible in water

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Catalogue No: PT-G6PD-50

Product name: Glucose Phosphate Dehydrogenase florescence spot Kit

## 4 – First aid measures

Remove contaminated clothing and wash before reuse.

**Skin:** In case of contact, immediately wash skin with soap and copious amounts of water.

**Eyes:** In case of contact, immediately flush eyes with copious of water for at least 15 minutes.

**Inhalation:** If inhaled, remove to fresh air

**Swallowing:** If swallowed, wash out mouth with water provided person is conscious .call a physician.

## 5 – Fire – fighting measures

**Flammability:** no

**Flash point:** Not available

**Extinguishing media:** use dry chemical

**Special fire fighting procedures:** Wear self contained breathing apparatus and protective clothing.

**Unusual fire and explosion hazards:** None known

## 6 – Accidental release measures

Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

## 7 – Handling and storage

Normal precaution for handling chemicals must be observed.

Store Below + 8 °C

## 8 – Exposure control / personal protection

Wear chemical resistant gloves, safety, other protective clothing

Safety shower, eye bath

Mechanical exhaust required

Do not breathe dust

Avoid contact with eyes, skin and clothing

Avoid prolonged or repeated exposures

Wash thoroughly after handling

Keep tightly closed

Store all components dry

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## 9 – Physical and chemical properties

### Buffer solution (#1)

*Appearance:* clear

*Physical state:* solution

### Substrate solution (#2)

*Appearance:* clear

*Physical state:* solutions

## 10 – Stability and reactivity

*Stability and Reactivity:* The product is stable

*Conditions to avoid:* not available

*Material to avoid:* not available

*Hazardous Decomposition Product:* not available

## 11 – Toxicological information

Toxicological data (Toxicity to animal and chronic effects on human) for the reagent mixture are not available and have not yet been thoroughly investigated. May cause slight irritation in case of eye contact or inhalation. See 3

## 12 – Ecologic information

Water pollution hazard rating: 1

## 13 – Disposal consideration

Waste must be disposed of in accordance with federal, state and local environmental control.

## 14 – Transport information

Is not affected by the current rules for transport of hazardous goods  
(GGVS/ADR, GGVE/RID, IMDG, IATA/ICAO)

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### **15 – Regulatory information**

European information:

S 1 / 2 keep under lock, out of reach of children

S 28 after contact with skin wash immediately with plenty of water

S 36 Wear suitable protective clothing

S 26 In case of contact with eyes rinse immediately with plenty of water and medical advice.

R 36/38 irritating to eyes and skin

### **16 – Other information**

The above mentioned information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Pishtaz Teb Zaman Diagnostics shall not be held liable for any damage resulting from handling or contact with above product.

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