

## Material Safety Data Sheet

According to 1907/2006EC, Article 31

### 1. Identification of substance:

**Product Name:** **Yumizen G PT 5**  
**Cat. No.:** 1300036338  
**Application of the substance /  
the preparation:** **Laboratory reagent For In Vitro Diagnostic Use**  
**Manufacturer/Supplier:** HORIBA ABX SAS  
Parc Euromédecine - Rue du Caducée  
BP 7290  
34184 MONTPELLIER CEDEX 4 - FRANCE  
Tel: +33 (0) 4 67 14 15 16  
Fax: +33 (0) 4 67 14 15 17  
documentation.med@horiba.com  
**Emergency information:** + 800 67 14 15 16 (supplier)

### 2. Hazards identification

**Classification according to Regulation (EC) No 1272/2008:**  
*Non-hazardous (freeze-dried cake and solvent were analysed together)*

### 3. Composition/Data on components:

**Dangerous components according to EC-criteria:**  
*Not present above the corresponding concentration limits.*

### 4. First aid measures

**General information:** *No special measures required.*  
**Inhalation:** *Supply fresh air; consult doctor in case of symptoms.*  
**Skin contact:** *Wash skin with water.*  
**Eye contact:** *Immediately rinse opened eye for several minutes under running water.*  
**Ingestion:** *In case of persistent symptoms consult doctor.*

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### 5. Fire fighting measures

**Suitable extinguishing agents:** CO<sub>2</sub>, extinguishing powder or water jet.

**Protective equipment:** No special measures required.

**Specific risks:** Non determined

**Additional recommendations:** None

### 6. Accidental release measures:

**Person-related safety precautions:** Wear lab coat, protective gloves and safety goggles.

**Measures for environmental protection:** Dilute with much water.

**Measures for cleaning/collecting:** Absorb with liquid-binding material (diatomite, acid binders, universal binders).

**Additional information:** No dangerous materials are released.

### 7. Handling and storage

#### Handling

**Safe handling:** No special measures required.

**Protection against explosions and fires:** No special measures required.

#### Storage

**Storerooms and containers:** No special requirements.

**Storage in one common storage facility:** Not required.

**Further storage conditions:** Protect from direct sunlight, store at 2-8 °C.

### 8. Exposure controls and personal protection

**Components with limit values at the workplace:** Not required.

**Additional information:** The lists that were valid during the compilation were used as basis.

**General protective and hygienic measures:** The usual precautionary measures should be adhered to general rules for handling chemicals.

#### Personal protective equipment:

**Breathing equipment:** Not necessary, if room is well-ventilated.

**Hand protection:** Protective gloves

**Eye protection:** Safety glasses recommended during refilling.

**Skin protection:** Lab coat.

**Hygiene measures:** Wash hands before and after use.

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### 9. Physical and chemical properties

**General Information**

**Form:**

**Colour:**

**Odour:**

**Change in condition**

**Melting point/Melting range:**

**Boiling point/Boiling range:**

**Flash point:**

**Self-inflammability:**

**Danger of explosion:**

**Vapour pressure at 20°C:**

**Density at 20°C**

**Solubility in / Miscibility with Water:**

**pH-value at 20°C:**

**Viscosity:**

**General Information**

**Form:**

**Colour:**

**Odour:**

**Change in condition**

**Melting point/Melting range:**

**Boiling point/Boiling range:**

**Flash point:**

**Self-inflammability:**

**Danger of explosion:**

**Vapour pressure at 20°C:**

**Density at 20°C**

**Solubility in / Miscibility with Water:**

**pH-value at 20°C:**

**Viscosity:**

**Freeze-dried cake**

*Lyophilized powder*

*Pale yellow*

*Odourless*

*No data*

*No data*

*Not applicable*

*Product is not self-igniting.*

*Product is not explosive.*

*No data*

*No data*

*No data*

*~7.0 if reconstituted with the appropriate solvent.*

*No data*

**Solvent**

*Liquid*

*Transparent*

*Odourless*

*No data*

*No data*

*Not applicable*

*Product is not self-igniting.*

*Product is not explosive.*

*No data*

*No data*

*No data*

*~7.0*

*No data*

### 10. Stability and reactivity

**Thermal decomposition / conditions to be avoided:** *No decomposition if used according to specifications.*

**Dangerous reactions** *No dangerous reactions known.*

**Dangerous products of decomposition:** *No dangerous decomposition products known.*

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### 11. Toxicological information

**Potential acute health effects:**

**Inhalation:** No data available.

**Ingestion:** No data available.

**Skin contact:** No data available.

**Eye contact:** No data available.

**Acute toxicity:** No data available.

**Potential chronic health effects:** No data available.

### 12. Ecological information

**General notes:** No data available.

**Mobility:** No data available.

**Degradability:** No data available.

**Bio accumulative potential:** No data available.

**Ecotoxicology:** No data available.

**Other hazardous effects:** No data available.

### 13. Disposal considerations

**Product:**

**General recommendation:** The product must be disposed of as a laboratory chemical according to local regulations.

**Contaminated packaging:**

**Recommendation:** Incineration. There are no uniform EC-regulations for the disposal of packaging as waste.

### 14. Transport information

**International transport regulations:**

Regulatory information	UN number	Proper shipping name	Classes	Packing group	Label	Additional information
ADR/RID Class	Not regulated.	-	-	-	-	-
ADNR Class	Not regulated.	-	-	-	-	-
IMDG Class	Not regulated.	-	-	-	-	-
IATA Class	Not regulated..	-	-	-	-	-

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### 15. Regulatory information

**Labeling according to directive 67/548/EGK.**

**Other regulations:** 2000./XXV., 2004./XXVI law of chemical safety and mandatory regulation 44/2000. (XII. 27.) EüM., 33/2004. ESZCSM regulation of dangerous materials and preparations, procedure rules 2000./ XLIII. law of waste management 98/2001. (VI. 15.) government regulation, 16/2001. (VII. 18.) KöM regulation.

### 16. Other information:

*Horiba Medical provides the information in this data sheet in good faith, declaring it is up- to-date at time of revision. However this document is intended only as a guide for professional use, according to the intended purposes of the product. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.*