

**Material Safety Data Sheet**  
According to 1907/2006EC, Article 31

**1. Identification of substance:**

**Product Name:** **Yumizen G PT Reco 10**  
**Cat. No.:** 1300036376  
**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

<b>General Information</b>	<b>Freeze-dried cake</b>
<b>Form:</b>	Lyophilized powder
<b>Colour:</b>	White
<b>Odour:</b>	Odourless
<b>Change in condition</b>	
<b>Melting point/Melting range:</b>	No data
<b>Boiling point/Boiling range:</b>	No data
<b>Flash point:</b>	Not applicable
<b>Self-inflammability:</b>	Product is not self-igniting.
<b>Danger of explosion:</b>	Product is not explosive.
<b>Vapour pressure at 20°C:</b>	No data
<b>Density at 20°C</b>	No data
<b>Solubility in / Miscibility with Water:</b>	No data
<b>pH-value at 20°C:</b>	~7.0 if reconstituted with the appropriate solvent.
<b>Viscosity:</b>	No data
<b>General Information</b>	<b>Solvent</b>
<b>Form:</b>	Liquid
<b>Colour:</b>	Transparent
<b>Odour:</b>	Odourless
<b>Change in condition</b>	
<b>Melting point/Melting range:</b>	No data
<b>Boiling point/Boiling range:</b>	No data
<b>Flash point:</b>	Not applicable
<b>Self-inflammability:</b>	Product is not self-igniting.
<b>Danger of explosion:</b>	Product is not explosive.
<b>Vapour pressure at 20°C:</b>	No data
<b>Density at 20°C</b>	No data
<b>Solubility in / Miscibility with Water:</b>	No data
<b>pH-value at 20°C:</b>	~7.0
<b>Viscosity:</b>	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.*