

## Material Safety Data Sheet

According to 1907/2006EC, Article 31

### 1. Identification of substance:

**Product Name:** *Yumizen G APTT Liq 2 / Yumizen G APTT Liq 4*  
**Cat. No.:** *1300036379 / 1300036381*  
**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*

### 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

<b>Form:</b>	Liquid
<b>Colour:</b>	Translucent
<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

<b>Thermal decomposition / conditions to be avoided:</b>	No decomposition if used according to specifications.
<b>Dangerous reactions</b>	No dangerous reactions known.
<b>Dangerous products of decomposition:</b>	No dangerous decomposition products known.

### 11. Toxicological information

<b>Potential acute health effects:</b>	
<b>Inhalation:</b>	No data available.
<b>Ingestion:</b>	No data available.
<b>Skin contact:</b>	No data available.
<b>Eye contact:</b>	No data available.
<b>Acute toxicity:</b>	No data available.
<b>Potential chronic health effects:</b>	No data available.

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### 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..	-	-	-	-	-

### 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.

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### 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.*