Glucose GOD-PAP

**MATERIAL SAFETY DATA SHEET**

*According to Regulation (EC) N° 1907/2006 Annexe II (18/12/2006)*

1- Identification of the preparation and of company undertaking

**Product Name:** Glucose GOD-PAP.

Reagent for quantitative determination of glucose in human serum, plasma or urines.

<table>
<thead>
<tr>
<th>REF</th>
<th>80009</th>
<th>R1</th>
<th>1 x 500 mL</th>
<th>R2</th>
<th>1 x 7.5 mL</th>
<th>R3</th>
<th>1 x 5 mL</th>
</tr>
</thead>
<tbody>
<tr>
<td>REF</td>
<td>87109</td>
<td>R1</td>
<td>6 x 250 mL</td>
<td>R2</td>
<td>6 x 3.75 mL</td>
<td>R3</td>
<td>1 x 5 mL</td>
</tr>
<tr>
<td>REF</td>
<td>16GL8</td>
<td>R1</td>
<td>6 x 1000 mL</td>
<td>R2</td>
<td>6 x 15 mL</td>
<td>R3</td>
<td>1 x 10 mL</td>
</tr>
</tbody>
</table>

Company/Undertaking identification and emergency phone number:

- **Manufacturer:** BIOLABO SA
  - Phone: (33) (0) 323 25 15 50
  - Fax: (33) (0) 323 25 62 56
- **Les Hautes Rives**
  - F-02160 MAIZY (FRANCE)
- **ORFILA Phone:** (33) (0) 145 42 59 59
- **Headquarter:** 02220 PAARS (FRANCE)
- **WEB:** http://www.biolabo.fr
- **e-mail:** info@biolabo.fr
- **Revision Date:** 15/05/2009

2- Composition and Information on Ingredients

See § 16 to know the signification of security symbols, risk and safety codes.

<table>
<thead>
<tr>
<th>Vials</th>
<th>Preparation Name</th>
<th>Hazardous ingredients</th>
<th>Concentration</th>
<th>N° Einecs</th>
<th>N° Cas/ Carn</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Enzymes</td>
<td>None present (*)</td>
<td></td>
<td>//</td>
<td>//</td>
</tr>
<tr>
<td>2</td>
<td>Chromogen</td>
<td>Chloro 4 phenol: Xn, N, R20/21/22, R51/53,</td>
<td>1 to 2 %</td>
<td>2035826</td>
<td>108-43-0</td>
</tr>
<tr>
<td>3</td>
<td>standard</td>
<td>None present (*)</td>
<td></td>
<td>//</td>
<td>//</td>
</tr>
</tbody>
</table>

(*) according to criteria defined in directives 67/548/CEE (dangerous substances) and 1999/45/CE (dangerous preparations) as well as their updates.

3- Hazards Identification

Not classified as dangerous preparations or dangerous substances according to criteria defined in directives 67/548/CEE (dangerous substances) and 1999/45/CE (dangerous preparations) as well as their updates.

The toxicological properties of this material have not been investigated. Exercise appropriate care to avoid direct contact with skin and eyes.
Glucose GOD-PAP

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**4- First Aid Measures**

**Symptoms:** Swallowing, contact with eyes or skin, inhalation (vial R1) may cause irritation.

**First aid:**
- **Inhalation:** provide fresh air. If breathing is difficult obtain medical attention.
- **Ingestion:** Seek medical advice if ingestion is suspected.
- **Skin:** Immediately flush with copious amount of water.
- **Eye:** Immediately flush with copious amount of water.

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**5- Fire Fighting Measures**

**Fire:** Not to be considered to be a fire hazard.

**Explosion:** Not to be considered to be an explosion hazard.

**Extinguishing media:** Use water spray, carbon dioxide or foam to cool fire exposed containers.

**Special fire fighting procedures:** Not available.

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**6- Accidental release measures**

**Spillage:** Flush affected area with water.

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**7- Handling and storage**

**Handling:** Follow instructions given on the package insert and Good Laboratory Practices. Avoid generating dusts (vial R2).

**Storage:** Store at temperatures and conditions as indicated on the Product label.

**Do not store together:** Non applicable.

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**8- Exposure control/Personal protection**

**Ventilation:** Recommended.

**Respiratory protection:** Avoid breathing dusts (vial R1). The use of a dust mask is recommended.

**Skin:** Gloves and laboratory coat required.

**Eyes:** Protection required.

Good Laboratory Practices procedures should be followed.
Glucose GOD-PAP

9- Physical/Chemical properties

**Appearance:** Vial R2 and R3 are colourless liquids. Vial R1 is a white homogeneous dry powder.

**pH (Working reagent):** 6.80 ± 0.1 at 25°C.

**pH (Vial R3):** 3.2 ± 0.2 at 20-25°C.

**Boiling point:** Not available.

**Vapor pressure:** Not available.

**Vapor density:** Not available.

**Evaporation rate:** Not available.

**Specific gravity:** Not available.

**Solubility in water:** Contents of vial R2 and R3 are miscible with water. Vial R1 is soluble in water.

10- Stability and reactivity

**Stability:** Stable.

**Conditions to avoid:** Not available.

**Incompatibility:** Not available.

**Hazardous decomposition products:** Toxic gases and vapors may be released if involved in a fire.

**Hazardous polymerizations:** Will not occur.

11- Toxicological information

The toxicological properties of these materials have not been yet fully investigated. Exercise appropriate care to avoid direct contact with skin and eyes. Avoid breathing dusts (vial R1).

12- Ecological information

Take care to prevent chemicals from entering the ground, watercourses or drainage systems.

13- Disposal consideration

Disposal of the preparation and of the contaminated packaging should be via an approved contractor and may be subject to local laws.

14- Transport information

<table>
<thead>
<tr>
<th>Means of transport</th>
<th>Air Transport IATA</th>
<th>Maritime Transport IMD</th>
<th>Land Transport RID/ ADR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Information</td>
<td>Not available.</td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
</tbody>
</table>
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### 15- Regulatory information

See §: 2.

*Neither risk symbol nor risk sentences necessary on the label of these products according to directives 2004/73/CE (substances); 2006/8/CE (preparation).*

### 16- Other information

*For in vitro diagnostic use.*

Any professional using our product is responsible for observing any local laws and guidelines applicable.

<table>
<thead>
<tr>
<th>Risk Symbol</th>
<th>Signification</th>
</tr>
</thead>
<tbody>
<tr>
<td>N</td>
<td>Harmful for the environment</td>
</tr>
<tr>
<td>Xn</td>
<td>Harmful</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Risk sentences</th>
<th>Signification</th>
</tr>
</thead>
<tbody>
<tr>
<td>R : 20/21/22</td>
<td>Harmful by inhalation, in case of contact with skin, if swallowed.</td>
</tr>
<tr>
<td>R : 51/53</td>
<td>Toxic for aquatic organisms. Long term harmful effects for aquatic environment.</td>
</tr>
</tbody>
</table>

The information contained herein is furnished without warranty of any kind. Users should consider this data only as supplement to other information collected by them and must make independent investigations to assure proper use and disposal of this material and to assure safety and health of employees and customers.

*Revised information are indicated in "italic"*