

Material Safety Data Sheet

According to 1907/2006EC, Article 31

1. Identification of substance:

Product Name: **Yumizen G CLEANER**
Cat. No.: 1300036420
**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
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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: Rinse out mouth. In case of persistent symptoms consult doctor.

5. Fire fighting measures

Suitable extinguishing agents: CO₂, extinguishing powder or water jet.
Protective equipment: No special measures required.
Specific risks: Non determined
Additional recommendations: None

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6. Accidental release measures:

- Person-related safety precautions:** Wear a lab coat, protective gloves and safety goggles.
- Measures for environmental protection:** Do not allow product to reach sewage system or water bodies.
- 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 15-35 °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:	Fluid
Colour:	Colorless
Odour:	Odourless
Melting point/Melting range:	Not determined
Boiling point/Boiling range:	100°C
Flash point:	Not applicable
Self-inflammability:	Product is not self igniting
Danger of explosion:	Product is not explosive.
Vapour pressure at 20°C:	23 hPa
Density at 20°C	1.01 g/cm ³
Solubility in / Miscibility with Water:	Fully miscible
pH-value at 20°C:	~5.5
Viscosity:	1 mPas (dynamic at 20°C)

10. Stability and reactivity

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

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.

Potential chronic health effects:

Reproduction toxicity:	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.

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13. Disposal considerations

Product:

Recommendation: The product must be disposed of as a laboratory chemical according to local regulations. Do not allow product to reach ground water or sewage system.

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.

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.