

Material Safety Data Sheet

According to 1907/2006EC, Article 31

1. Identification of substance:

Product Name: **Yumizen G CaCl₂ 4**
Cat. No.: 1300036386
**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: CO₂, 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:	Liquid
Colour:	Transparent
Odour:	Odourless
Change in condition	
Melting point/Melting range:	No data
Boiling point/Boiling range:	No data
Flash point:	Not applicable
Self-inflammability:	Product is not self-igniting.
Danger of explosion:	Product is not explosive.
Vapour pressure at 20°C:	No data
Density at 20°C	No data
Solubility in / Miscibility with Water:	No data
pH-value at 20°C:	~7.0
Viscosity:	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.

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.

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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.