

Safety data sheet
in accordance with Regulation (EC) No 1272/2008

1. Identification of substance:

Product Name: **Yumizen G AT**
Cat. No.: 1300036390
**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 of constituents:

Dangerous components according to EC-criteria:
Not present above the corresponding concentration limits.

4. First aid

General information: No specific measure is required.
Skin contact: The contaminated clothing should be immediately removed.
Wash the contaminated area twice with soap and water.
Eye contact: Immediately rinse the opened eye with plenty of running water
Ingestion: The casualty should be kept warm. Immediately consult a doctor.

5. Fire hazard

Extinguishing media: CO₂, dry chemical or water extinguisher.
Specific protective device: Not necessary.
Specific risk: Not specified
Other recommendation: None

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6. Measures in case of accident:

Precautions for human protection:	<i>It is recommended to wear labor coating, protective gloves and protective glasses.</i>
Environmental precautions:	<i>Avoid the discharge of the product into the sewer and water system.</i>
Cleaning/collection:	<i>The spillage should be mopped up with liquid absorbing material (diatomite, acid binders, general binders).</i>
Other information:	<i>One should adhere to the appropriate safety measures as the presence of infective agents</i>

7. Handling and storage

Handling	
Safe handling:	<i>It requires no special equipment.</i>
Explosion and fire protection:	<i>It requires no special equipment.</i>
Storage	
Room / container for storage:	<i>There is no specific regulation on this issue.</i>
Storage in a common room:	<i>Not necessary.</i>
Recommended conditions for storage:	<i>Keep at 2-8°C, protected from direct sunshine.</i>

8. Conditions for work not endangering the health

Constituents to be stored limited at the site of work:	<i>None.</i>
Other information:	<i>Contained in the basic list that is effective at the beginning of use.</i>
General regulations for protection and hygiene:	<i>Appropriate precautions are required as the presence of infective agents cannot be fully excluded. General precautions for use of chemical agents are recommended. Eye and skin contact should be avoided.</i>
Protecting device:	
Use of respiratory mask:	<i>Not necessary is a well-ventilated room.</i>
Hand protection:	<i>Protective gloves are recommended.</i>
Eye protection:	<i>Protective glasses are recommended during refilling.</i>
Skin protection:	<i>Labor coating.</i>
Hygienic measures:	<i>Wash hands before and after use.</i>

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9. Physical and chemical properties

Basic properties

FIIa

State:	Lyophilized powder
Color:	White
Odor:	Odorless
Melting point / range:	No data
Boiling point / range:	No data
Flash Point:	No data
Self-igniting:	Product is not self igniting.
Danger of explosion:	Product is not explosive.
Vapor pressure at 20°C:	No data
Density at 20°C:	No data
Solubility / water mixing:	No data
pH-value at 20°C:	~8.2 if reconstituted with the appropriate solvent
Viscosity:	No data
Comment:	For properties with the comment 'No data' the corresponding property of the water required for the reconstitution of the product should be considered.

Substrate

State:	Lyophilized powder
Color:	White
Odor:	Odorless
Melting point / range:	No data
Boiling point / range:	No data
Flash Point:	No data
Self-igniting:	Product is not self igniting.
Danger of explosion:	Product is not explosive.
Vapor pressure at 20°C:	No data
Density at 20°C:	No data
Solubility / water mixing:	No data
pH-value at 20°C:	~4 if reconstituted with the appropriate solvent
Viscosity:	No data
Comment:	For properties with the comment 'No data' the corresponding property of the water required for the reconstitution of the product should be considered.

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9. Physical and chemical properties

Diluent

State:	Liquid
Color:	Colorless
Odor:	Odorless
Melting point / range:	No data
Boiling point / range:	~100°C
Flash Point:	No data
Self-igniting:	Product is not self igniting.
Danger of explosion:	Product is not explosive.
Vapor pressure at 20°C:	No data
Density at 20°C:	No data
Solubility / water mixing:	No data
pH-value at 20°C:	~8.2
Viscosity:	No data
Comment:	For properties with the comment 'No data' the corresponding property of the water required for the reconstitution of the product should be considered.

10. Stability and reactivity

Thermal decomposition/conditions to be avoided:	Stable lyophilisate when stored at 2-8 °C. Fire or high temperature may result hazardous decomposition products.
Dangerous reactions:	Not known.
Dangerous decomposition products:	Not known.

11. Toxicological information

Acute toxicity:	Not qualified according to the corresponding concentration limits.
Dominant symptoms of irritation:	Not qualified according to the corresponding concentration limits.
Induction of sensitivity:	Long-term and repeated contact may induce skin sensitivity.
Other information:	Based on our own experience and the received information the product has no adverse effect when its use complies with the specification.
The product is not qualified as toxic according to the Regulation (EC) No 1272/2008 .	

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12. Ecological information

Mobility:	No data
Decomposition:	No data
Bioaccumulative potential:	No data
Ecotoxicity:	No data
Other hazardous effects:	No data
General comments:	No data

13. Disposal considerations

Product

Recommendation: The product should be destroyed in accordance with local regulations. The discharge of the product into ground-water and sewage system should be prevented.

Waste packaging

Recommendation: Incineration. No uniform regulation exists in member countries of the EU.

14. Transport information

Land transport ADR/RID (with cross-border)

ADR/RID-GGVS/E class:	–
Comments:	No limitation.
Marine pollution:	No
Air transport ICAO-TI és IATA-DGR:	
ICAO/IATA class:	–
Comments:	No limitation

15. Regulatory information

Signal Word: None

H sentences: None

P sentences: None

Designation under the EU directives: During the use of the product follow the normal safety regulations on the handling of chemical agents

The product is qualified as non-hazardous according to the **Regulation (EC) No 1272/2008**.

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16. Other information:

*The above information contained in this document is believed to be correct and accurate to the best of our knowledge, but we cannot take any warranty for our recommendations and suggestions as the conditions of use are beyond our scope.
The description is not a warranty guarantee regarding the product properties presented on data sheet.
The product can be used exclusively for in vitro diagnostic purposes by professional staff.*