

**MATERIAL SAFETY DATA SHEET****1. PRODUCT AND COMPANY IDENTIFICATION****1.1. Product name and reference**

IMMUNOQUICK® Norovirus  
Réf. 1150010

**1.2. Product use**

IMMUNOQUICK® Norovirus is an immunochromatographic test for the qualitative detection of Norovirus in stool specimen

**1.3. Company identification**

Biosynex  
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**1.4. Emergency call**

Numéro d'appel d'urgence Européen: 112  
France: SAMU: 15  
Number ORFILA: 01 45 42 59 59 (provides access to the list of poison centers and their phone number)  
Other country: See your local poison information center.

**2. HAZARD IDENTIFICATION****2.1 Classification of the mixture**

The product contains Sodium azide at a concentration  $\leq 0.1$  %. So according to the classification rules related in the Regulation 1272/2008, this product is non-hazardous. Information about the sodium azide being present in the product is related on part 3.

The product also contains some substances from animal origin. It is therefore recommended to handle it according to the convenient procedures relative to infectious material.


**2.2 Label elements**

Regarding Regulation 1272/2008, no particular statement is required since the product is not considered as hazardous.

**2.3 Other hazards (related to sodium azide)**

Even in small amount, Sodium azide is toxic and may react with lead and cooper plumbing to form highly explosive metal azides. Sodium azide is also rapidly absorbed through skin.

**3. COMPOSITION / INFORMATION ON INGREDIENTS****3.1. Product information**

	<b>IMMUNOQUICK Norovirus</b>		
	Reference : F-QUA-341	Version : 03	Date : 24/01/2019

Cf. description of hazardous and non-hazardous components

### 3.2. Hazardous components:

Description	CAS Number	Einecs Number	Origin	Concentration in the final product	Hazard classification and risk phrase*
Sodium azide	26628-22-8	247-852-1	Chemical	≤ 0,1 % of buffer	Acute toxicity 2, Acute aquatic toxicity 1, Chronic aquatic toxicity 1 H300, H410

\*For the full text of H-statements and R-Phrases mentioned in this section, see Section 16

### 3.3. Non-hazardous compounds:

Strip            Sample and conjugate pad: Glass fiber  
Absorbent pad: Cellulose fiber  
Nitrocellulose  
Mouse anti-norovirus monoclonal antibody  
Mouse anti-norovirus monoclonal antibody coupled with gold colloidal gold  
Anti mouse IgG polyclonal antibody

Diluent triton X100 + BSA + sodium azide to 50 mM Tris buffer

Packaging      Aluminum foil pouches  
Silica gel in paper bags

### 3.4. Confidential compounds

N/A

## 4. FIRST AID MEASURES

**General information**            No special measure. If necessary, consult a physician.

**After inhalation**                    Expose to fresh air.  
If breathing difficult, give oxygen. Consult a physician.

**After skin contact:**                Flush with water for at least 15 minutes. Consult a physician if irritation extended.

**After eye contact:**                 Flush with water for at least 15 minutes. If possible remove contact lenses. Consult doctor in case of prolonged irritation.

**After swallowing:**                 Rinse mouth. Contact the Poison Control Center.

## 5. FIRE FIGHTING MEASURES

Suitable extinguishing measures:	No special measures. Adapt the measure to the environment.
Extinguishing measures to avoid:	No special measures
Special risk:	Fire may produce dangerous products of decomposition like Carbon oxides, Nitrite oxides, Sodium oxides, and Nitrogen oxides in very negligible quantity. No more special risk
Special protective equipment for the firefighting :	Wear self-contained breathing if necessary.

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## 6. ACCIDENTAL RELEASE MEASURES

If any doubt, contact the person in charge of hygiene and safety.

### 6.1. Measure for individual protection:

Use lab coat and gloves.

### 6.2. Measure for environmental protection:

Do not throw the diluent into the sink.

### 6.3. Measures for cleaning and waste collection:

Collect the sample in a container for the disposal of medical waste according to local official regulation.

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## 7. HANDLING AND STORAGE

### 7.1. Precautions for safe handling:

Use individual protective equipment (lab coat and gloves) for biological compound handling

### 7.2. Conditions for safe storage, including any incompatibilities:

Information about storage in one common storage facility:

The equipment must be stored between 2 and 30 ° C until expiry date.

Further information about storage condition:

Do not freeze

### 7.3. Particular use:

Professional in-vitro use only, See instruction for use.

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## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION GEAR

### 8.1. Exposition cut off:

Sodium azide: VLE= 0,3 mg/m<sup>3</sup>

Sodium azide: VME= 0,1 mg/m<sup>3</sup>

**8.2. Individual exposure control:**

Respiratory exposure	NA
Hand exposure	Gloves
Eyes exposure	NA
Skin exposure	Lab coat

**8.3. Environmental exposure control:**

Collect reagent and buffer extraction in a container adapted to the collection of medical waste according to the official local regulation.

9. PHYSICAL AND CHEMICAL PROPERTIES

**9.1. General information:**

	Device	Diluent
Aspect	Solid	liquid
Color	white	colorless
Odor	N/A	N/A

**9.2. Important information relatives to health, safety and environment:**

pH	Neutral
Boiling point/range	No data available
Flash point	No data available
Inflammability	No
Danger of explosion	No
Self- ignition	No data available
Vapor pressure	No data available
Density	No data available
Solubility	No data available
Solubility in water	No data available
Solubility in lipids	No data available
Partition coefficient	No data available
Viscosity	No data available

**9.3. Other information**

NA

10. STABILITY AND REACTIVITY

**10.1. Chemical stability:**

No decomposition if used according to specifications

**10.2. Reactivity:**

Avoid contact with acidic solutions and metal compounds

**10.3. Conditions to avoid:**

Do not freeze

**10.4. Incompatible materials:**

Halogenated hydrocarbon, Metallic acids, Acid chlorides

**10.5. Hazardous decomposition products:**

No hazardous decomposition products are formed in large quantities.

Vapors of chlorine, hydrochloric acid, hydrazoic acid can be formed in negligible quantities.

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**11. TOXICOLOGICAL INFORMATION**

Immediate effects on health:

Possibility of irritation in contact buffer extraction with skin and eyes: Rinse thoroughly. Possibility of irritation if swallowed buffer extraction: Contact a poison control center.

Differed and chronic effects on health:

Sensitization

no data available

Narcosis

no data available

Carcinogenicity

no data available

Mutagenicity

no data available

Toxicity for reproduction

no data available

Specific effects from particular compounds:

No more known effects than described in phrase risk.

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**12. ECOLOGICAL INFORMATION****12.1. Toxicity**

For Sodium azid: Toxicity to daphnia and other aquatic invertebrates:

EC50 - Daphnia pulex (Water flea) - 4,2 mg/l - 48 h

**12.2. Persistence and degradation**

No data available

**12.3. Bio accumulative potential**

No data available

**12.4. Mobility in soil**

No data available

**12.5. Results of PBT and vPvB assessment**

No data available

**12.6. Other adverse effects**

Very toxic to aquatic life.

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**13. DISPOSAL CONSIDERATION****Products - recommendation:**

Waste must be disposed of as medical waste and incinerated. Refer to official regulation of medical samples elimination.

**Unclean packaging - recommendation:**

Must be decomposed together with household garbage.

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**14. TRANSPORT INFORMATION**

Due to its composition, the product is not concerned by the transport regulation for dangerous products.

Maritime Transport IMDG: No constraints  
Transport by road ADR: No constraints  
Transport by train OACI/IATA: No constraints  
Air transport RID: No constraints


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**15. REGULATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:**

Product labeling complies with the 98/79/EC directive. No specific warning labeling is required.  
This MSDS complies with the requirements of Regulation (EC) No. 1907/2006

**15.2 Chemical Safety Assessment**

No symbol is necessary based on our current knowledge.

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16. OTHER INFORMATION

**Text of H-codes and R-phrases mentioned in section 3**

✓ Sodium Azide

EC n°1272/2008 Regulation	
<b>Hazards</b>	<b>Description</b>
H300	Fatal if swallowed
H410	Very toxic to aquatic life with long lasting effects
<b>P phrases</b>	<b>Description</b>
P264	Wash thoroughly after handling
P273	Avoid release to the environment
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P501	Dispose of contents/container to an approval waste disposal plant
European Union Specific Hazard Statements	
EUH032	Contact with acids liberates very toxic gas

The product is intended for in vitro diagnostic and destined to be used by health professionals. IMMUNOQUICK® Norovirus does not contain any hazardous substances beyond the limits (<0.1%). Sodium azide is present in real small quantity, the toxic risk is then considerably reduced and acceptable.

The information in this document is based on the state of our current knowledge of the product, at the date indicated. This document is composed in accordance with the Rules and Regulations REACH 1907/2006/EC and Article 31 from Directive 2001/58/EC.

History (changes)

Revision	Date	Part	Reason/Changes
01	15/11/2016		Not applicable, new product
02	10/04/2019		New template