



## Material Safety Data Sheet

### Rotavirus Antigen RapiCard™ InstaTest

#### IDENTIFICATION OF THE PREPARATION AND COMPANY NAME.

**Catalog No:** 176066-1  
**CAS#:** None  
**Synonyms:** N/A  
**Intended Use:** Laboratory Use

**Contact Information:**  
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#### Composition and Information on Ingredients

Component	Chemical and Common Name
Sodium Chloride	NaCl
Potassium Dibasic Phosphate	Na <sub>2</sub> HPO <sub>4</sub> •12H <sub>2</sub> O
Sodium Monobasic Phosphate	NaH <sub>2</sub> PO <sub>4</sub> •2H <sub>2</sub> O

#### Hazards Identification

**Primary Route of Entry:** Eyes, Respiratory System, Skin  
**Health Harzard:** Acute: Maybe harmful if ingested or absorbed through eyes, respiratory system, skin.  
Chronic: Unknown  
**IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE. WEAR PROTECTIVE CLOTHING.**

#### First Aid Measures

**Eye Contact:** In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.  
**Skin Contact:** In case of contact, immediately wash skin with soap and copious amounts of water.  
**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, administer oxygen.  
**Ingestion:** If swallowed, wash out mouth with water provided person is conscious. Call a physician.

#### Fire and Explosion Data

**Extinguishing Media:** Water Spray, Carbon Dioxide, dry chemical powder or appropriate foam.  
**Special Firefighting Procedures:** Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.  
**Unusual Fire and Explosion Hazards:** Emits toxic fumes under fire conditions.

#### Accidental Release Measures

**If spill occurs:** wear a respirator, chemical safety goggles, rubber boots, and heavy rubber gloves. Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill site after material pickup is complete.

#### Handling and Storage

Store at room temperature. Handle using normal laboratory procedures and protective gloves required.

#### Exposure Controls/Personal Protection

Safety shower and Eye bath. Wash thoroughly after handling. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. Compatible chemical-resistant gloves.

#### Physical and Chemical Properties

**Appearance and Odor:** Liquid      **Physical Properties pH:** 7.4

#### Stability and Reactivity Data

**Stability:** Stable  
**Incompatibilities :** Strong oxidizing agents  
**Hazardous Combustion or Decomposition Products:** Sodium oxide, Hydrogen chloride gas, Thermal decomposition may produce toxic fumes of phosphorous oxides and/or phosphine.  
**Hazardous Polymerization:** will not occur.

#### Toxicological Information

**Acute Effects:** Causes skin irritation, may be harmful if absorbed through the skin. Causes eye irritation. Material is irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled. May be harmful if swallowed. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

#### Ecological Information

Data not yet available.

#### Disposal Considerations

Comply with federal, state and local regulations.

#### Transport Information

The product is not classified as dangerous for transport according to Intenational Regulations. The product is primarily a buffer solution and is not classified as explosive, oxidizing, toxic, infectious, radioactive, corrosive or magnetic. So according to CCAR-276-R1, it is proved not to be dangerous for air transport.

#### Other Regulatory Information

**European Information: Caution:** Substance not yet fully tested. Irritant R 36/37/38.  
Irritating to eyes, respiratory system, and skin. S 26  
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S 36  
Wear suitable protective clothing.



**Important Health, Safety Environmental Information**

<b>Form:</b> liquid	<b>PH:</b> 7.4
<b>Color:</b> Colorless	<b>Odour:</b> Odourless
<b>Flash point:</b> N/A	<b>Vapour pressure:</b> N/A
<b>Oxidising properties:</b> N/A	<b>Evaporation rate:</b> N/A
<b>Explosivity:</b> N/A	<b>Boiling point:</b> N/A
<b>Melting point:</b> N/A	<b>Danger of explosion:</b> No explosion hazard
<b>Self-igniting:</b> Not selfigniting.	<b>Solubility in Water:</b> Fully miscible Z1076
<b>Relavtive density:</b> N/A	<b>Solvent content:</b> N/A

**Other Information:**

**Created: 2009-12-16**

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**Quality Control**

Diagnostic Automation/Cortez Diagnostics, Inc.

COR # 176066-1

Revision Date: 07-15-2014