

# SAFETY DATA SHEET

## Rotavirus Latex Test Kit

### 1. PRODUCT AND COMPANY INFORMATION

**Company name:** **Plasmatec Laboratory Products,**  
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Dorset  
DT6 5BU  
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**Product name:** **Rotavirus Latex Test Kit (Latex slide agglutination test)**  
**Product code:** **Test Kit:** ROV/012 and versions thereof;  
**Bulk Reagents:** ROV/100 Test latex  
ROV/104 Control latex  
ROV//101 Positive Control  
ROV/105 Rotavirus buffer

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Composition:** Rotavirus Test and Control Latex Contains <0.1% Sodium Azide  
Positive Control: Contains <0.1% Sodium Azide  
Rotavirus buffer, working strength: Contains <0.1% Sodium Azide

**Hazardous Components:** **SODIUM AZIDE:** <1% w/w EINECS: 247-852-1 CAS: 26628-22-8  
[T+] R28; [-] R32; [N] R50/53

### 3. HAZARD IDENTIFICATION

**Main hazards:** These products are for in vitro diagnostic use only.  
Specimen material may contain pathogenic organisms. Handle with the appropriate precautions, according to good laboratory practices.

### 4. FIRST AID MEASURES

**Skin contact:** May cause mild irritation at the site of contact. Wash skin with soap and water.  
**Eye contact:** May cause irritation and redness. Flush with water.  
**Ingestion:** Avoid hand to mouth contact.

### 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Not combustible. Suitable extinguishing media for the surrounding fire should be used.  
**Exposure hazards:** None in small quantities

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Wear appropriate protective clothing. Refer to section 8 of MSDS for personal protection details.  
**Environmental precautions:** Properly disinfect any spills. Do not discharge into drains or rivers. Contain large spillages using bunding.  
**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

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### 7. HANDLING AND STORAGE

**Handling requirements:** For in vitro diagnostic use only. Read the instructions for use.  
Avoid the formation of aerosols. Avoid direct contact with the substance

**Storage conditions:** Store in cool, well-ventilated area. Keep container tightly closed.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Hazardous ingredients:**

**SODIUM AZIDE:** WEL (8 hr TWA): 0.1 mg/m<sup>3</sup> WEL (15 min STEL): 0.3 mg/m<sup>3</sup>

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Protective disposable gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**State:** Liquid

**Colour:** Test and Control Latex: White  
Positive Control : Clear pink colour  
Buffer: colourless

**Odour:** Odourless

**pH:** Positive control: pH7.0 – pH 8.0  
Buffer: pH 7.2  
Latex: Neutral

**Solubility:** Soluble

**Flammability:** Not combustable

### 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal storage and handling conditions. Do not use after expiry date.

**Materials to avoid:** Strong oxidising agents. Strong acids.

**Hazardous decomposition products:** In combustion may emit toxic fumes.

### 11. TOXICOLOGICAL INFORMATION

**Hazardous ingredients:** **SODIUM AZIDE:**  
ORL MUS LD50 27 mg/kg  
ORL RAT LD50 27 mg/kg  
SKN RAT LD50 50 mg/kg

**Routes of exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

### 12. ECOLOGICAL INFORMATION

**Mobility:** Readily absorbed into soil.

**Persistence and degradability:** No data available.

**Bio-accumulative potential:** No data available.

**Other adverse effects:** No data available.

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### 13. DISPOSAL CONSIDERATIONS

**Waste code number:** 160506 Hazardous waste.  
**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

### 14. TRANSPORT INFORMATION

**SODIUM AZIDE:**

**ADR / RID**

**UN no:** - Not applicable.

**Shipping name:** Not classified as dangerous in the meaning of transport regulations.

**IMDG / IMO**

**UN no: - Marine pollutant:** NO

**IATA / ICAO**

**UN no:** - Not applicable.

### 15. REGULATORY INFORMATION

**SODIUM AZIDE:**

**Hazard symbols:**

Harmful.

**Risk phrases:**

R22: Harmful if swallowed.

R32: Contact with acids liberates very toxic gas.

**EC classification:**

Xn- Harmful

**Safety phrases:**

S29/35: Do not empty into drains; dispose of this material and its container in a safe way.

S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.

S46: If swallowed, seek medical advice immediately and show this container or label.

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions that complete these regulations. Refer to all applicable national, international and local regulations or provisions.

### 16. OTHER INFORMATION

**Warning:** Because no test method can offer complete assurance that HIV, HCV, HbsAg or other infectious agents are absent, the components of this kit should be handled accordingly.

**UK Legislation:** Health and Safety at Work Act, 1974, and relevant statutory provisions.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.