

| 1. Information of the substance/mixture and of the company/undertaking | |
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| 1.1 Commercial product name | Syphilis (RPR) Rapid Plasma Reagin Card Test |
| Cat. No.: | SY1478 |
| 1.2 Company: | RANDOX Laboratories Ltd., 55 Diamond Road, Crumlin, Co. Antrim, United Kingdom, BT29 4QY Tel: +44 (0) 28 9442 2413; Fax: +44 (0) 28 9445 2912 Email: msds@randox.com Website: www.randox.com |
| 1.3 In Emergencies: | Tel: +44 (0) 28 9442 2413 |

| 2. Hazards identification | |
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| Classification (Positive Control only): | Biohazard |

| 3. Composition / Information on Ingredients | |
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| Warnings: | <p>For <i>in vitro</i> diagnostic use only. Do not pipette by mouth. Handle laboratory reagents in accordance with Good Laboratory Practice.</p> <p>May cause irritation to skin and eyes, may be irritating to mucous membranes and upper respiratory tract. Avoid contact with skin, avoid inhalation and ingestion.</p> <p>The components contain <0.1%w/v Sodium Azide. Sodium azide reacts with lead or copper plumbing to form potentially explosive azides. When disposing of such reagents flush with large volumes of water to prevent azide build up. Exposed metal surfaces should be cleaned with 10% sodium hydroxide.</p> <p>Biohazard – The positive control contains human based serum. This serum has been tested for the HIV (Human Immunodeficiency Virus) Antibody, HCV antibody and Hepatitis B surface antigen using FDA approved methods and found to be negative. However as no method can offer complete assurance as to the absence of infectious agents this material and all patient samples should be handled as though capable of transmitting infectious disease and disposed of accordingly.</p> |

| 4. First aid measures | |
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| Emergency First Aid: | Call an internal First Aider where available or else contact a physician immediately. Direction for First Aider or Physician: |
| Inhalation: | If inhaled, remove to fresh air. If breathing becomes difficult, call a physician. |
| Ingestion: | If swallowed wash out mouth with water provided person is conscious, call a physician. |
| Skin Contact: | Wash off skin thoroughly with water. In addition, for the positive control, remove contaminated clothing and treat with dilute Virkon ^R (1%) briefly. Wash skin in detergent and water after swabbing with Virkon ^R or similar Virucidal disinfectant. |
| Eye Contact: | Flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating eyelids with fingers. Call a physician. |

| 5. Fire-fighting measures | |
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| Flash point: | Not determined |
| Flammable limits: | Not determined |
| Extinguishing media: | No restriction |
| Special Fire Fighting Procedures: | Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. |
| Unusual Fire and Explosion Hazards: | May emit toxic fumes under fire conditions |
| Thermal decomposition: | Not determined |

| 6. Accidental release measures | |
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| After spillage: | <p>PRECAUTIONS (Positive Control) Treat material as you would human body fluids. Disposal should, therefore include autoclaving at 121^oC for 20 mins prior to appropriate disposal with regard to local regulations.</p> <p>Alternatively, decontamination using a 0.1% sodium hypochlorite is acceptable. Perform this type of decontamination in a fume hood.</p> |
| Absorbent material: | No restriction |

| 7. Handling and storage | |
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| 7.1 Handling: | Wash thoroughly after handling. Do not use if skin is cut or scratched. Avoid contact with eyes, skin and clothing. |
| 7.2 Storage | Store at temperatures and conditions as indicated on the product label |
| Do not store together: | N/A |

| 8. Exposure controls/personal protection | |
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| MEL/OES | Not determined |
| Respiratory protection: | None |
| Eye protection: | Protective glasses |
| Hand protection: | Standard laboratory rubber or latex gloves. |
| Skin protection: | A laboratory coat or apron is recommended |

| 9. Physical and chemical properties | |
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| Physical state: | Liquid |
| Colour: | Colourless (Positive Control) Pale green (Negative Control) Black (RPR Carbon Antigen Suspension) |
| Odour: | Odourless |
| pH value: | Not determined |
| Boiling point | Not determined |
| Melting point: | Not determined |
| Oxidising properties: | Not determined |
| Ignition temperature | Not determined |
| Explosion limits: | Not determined |
| Density: | Not determined |
| Solubility in water: | Soluble |

| 10. Stability and reactivity | |
|-----------------------------------|--------------------------------------|
| Stability: | Stable |
| Conditions to avoid: | Not determined |
| Substances to avoid: | Strong oxidising agents, also acids. |
| Hazardous decomposition products: | Not determined |

| 11. Toxicological information: | |
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| LD50 oral | Not determined |
| LD50 intraperitoneal | Not determined |
| LD50 skin | Not determined |
| LC50 inhalation | Not determined |
| Toxicologic information: | Not thoroughly investigated |

| 12. Ecological information | |
|----------------------------|------------------------|
| Water hazard class: | Data not yet available |

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| 13. Disposal considerations | <p>PRECAUTIONS (Positive Control only) Treat material as you would human body fluids. Disposal should, therefore include autoclaving at 121[°]C for 20 mins prior to appropriate disposal with regard to local regulations.</p> <p>Alternatively, decontamination using a 0.1% sodium hypochlorite is acceptable. Perform this type of decontamination in a fume hood.</p> |
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| 14. Transport Information | | | |
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| GGVE/GGVS: | Data not yet available | RID/ADR | Data not yet available |
| ICAO/IATA-DGR: | Data not yet available | UN-Nr.: | Data not yet available |
| IMDG-CODE: | Data not yet available | MFAG | Data not yet available |
| | | EMS: | Data not yet available |

| 15. Regulatory information | |
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| | Classified according to CHIP 3 |
| Hazard symbol: | Biohazard (Positive Control) |
| Risk phrases: | None |
| Safety phrases: | None |
| Precautions (Positive control only): | Warning; Contains material of human origin, exercise due care. |

| 16. Other information | |
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| | The information herein is believed to be correct as of the date hereof but is provided without warranty of any kind. The recipient of our products is responsible for observing any National laws and guidelines applicable. |