

| 1. Information of the substance/mixture and of the company/undertaking | |
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| 1.1 Commercial product name | Carbamazepine Test Kit |
| Cat. No.: | TD3416 |
| 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 | |
|---------------------------|--|
| | Contains no hazardous substances in reportable quantities. |
| Classification: | 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>Reagent 1 is of human origin. It has been tested for the Human Immunodeficiency Virus (HIV 1 and 2) Antibodies, HBs Ag and HCV antibodies and found to be non-reactive. 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> <p>Reagents 1 and 2 contain sodium azide (<0.1%w/v). 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> |
| Risk phrases: | None |
| Safety phrases: | None |

| 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: | Wash mouth out thoroughly with water provided person is conscious. Call a physician. |
| Skin Contact: | Wash off skin thoroughly with water for at least 10 minutes. Wash skin with detergent and water after swabbing with Virkon or similar virucidal disinfectant. |
| Eye Contact: | Wash 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 | |
|-------------------------------------|---|
| Flash point: | Not Known |
| Flammable limits: | Not Known |
| Extinguishing media: | No restrictions: can use water, carbon dioxide, dry chemical or foam. |
| Special Fire Fighting Procedures: | None |
| Unusual Fire and Explosion Hazards: | Not Known |
| Thermal decomposition: | Gases, which are damaging to health, do not form in dangerous quantities. |

| 6. Accidental release measures | |
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| After spillage: | <p>Reagent 1 Treat material as you would human body fluids. Disposal should, therefore include autoclaving at 121°C for 20minutes prior to appropriate disposal with regard to local regulations. Alternatively, decontamination using a 0.1% sodium hypochlorite is acceptable. Perform this type of decontamination in a fume hood.</p> <p>Reagent 2 Use appropriate spill absorbent kit as instructed by the manufacturer. Alternatively, mop up with an absorbent material and hold for waste disposal. Ventilate area and wash spill site after material pick up is complete.</p> <p>Appropriate Personal Protective Equipment should be worn, e.g. laboratory coat, gloves, safety glasses and mask.</p> |
| Absorbent material: | No restriction |

| 7. Handling and storage | |
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| 7.1 Handling: | Avoid contact with eyes, skin and clothing. Do not breathe dust. Wash thoroughly after handling. |
| 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 known |
| Respiratory protection: | None required |
| Eye protection: | Safety glasses |
| Hand protection: | Standard laboratory chemical 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 Reagents |
| Colour: | Reagent 1 Antibody Buffer: Colourless Reagent 2 Latex Reagent; Milky white |
| Odour: | None |
| pH value: | Not known |
| Boiling point | Not known |
| Melting point: | Not Known |
| Oxidising properties: | N/D |
| Ignition temperature | N/D |
| Explosion limits: | N/D |
| Density: | N/D |
| Solubility in water: | Soluble |

| 10. Stability and reactivity | |
|-----------------------------------|--|
| Stability: | Stable under ordinary conditions of use and storage. |
| Conditions to avoid: | N/D |
| Substances to avoid: | Avoid contact with metals and acids. |
| Hazardous decomposition products: | N/D |

| 11. Toxicological information: | |
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| LD50 oral | Not known |
| LD50 intraperitoneal | Not known |
| LD50 skin | Not known |
| LC50 inhalation | Not known |
| Toxicologic information: | Not known |

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

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| 13. Disposal considerations | <p>Each disposal facility must determine proper disposal methods of the substance or preparation and any contaminated packaging to comply with Local and National Environmental Regulations</p> <p>Refer to Section 6.</p> |
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| 14. Transport Information | | | |
|---------------------------|------------------------|---------|------------------------|
| 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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| | Contains no hazardous chemicals in reportable quantities as classified by CHIP 3 |
| Hazard symbol: | Biohazard |
| Risk phrases: | N/A |
| Safety phrases: | N/A |
| Precautions: | Wear Suitable Eye, hand and skin protection. See section 3 also. |

| 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. |