RANDOX

# SAFETY DATA SHEET

| 1. Information of the substance/mixture and of the company/undertaking | |
|---|---|
| 1.1 Commercial product name | Anti-Streptolysin-O 2 (ASO 2) |
| Cat. No.: | LO3998 |
| 1.2 Company: | RANDOX Laboratories Ltd., 55 Diamond Road, Crumlin, Co. Antrim, United Kingdom, BT29 4QY<br>Tel: +44 (0) 28 9442 2413; Fax: +44 (0) 28 9445 2912<br>Email: msds@randox.com<br>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: | No hazardous chemicals as classified by CHIP 3 |

| 3. Composition / Information on Ingredients | |
|---|---|
| Warnings: | For *in vitro* diagnostic use only. Do not pipette by mouth. Handle laboratory reagents in accordance with Good Laboratory Practice.<br>May cause irritation to skin and eyes, may be irritating to mucous membranes and upper respiratory tract. Avoid contact with skin, inhalation and ingestion.<br>Both components 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. |
| Risk phrases: | None |
| Safety phrases: | None |

| 4. First aid measures | |
|---|---|
| Emergency First Aid: | Call an internal First Aider where available or else contact a physician immediately.<br><br>Direction for First Aider or Physician: |
| nhalation: | 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: | In case of skin contact immediately wash skin with soap and copious quantities of water. |
| 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 | |
|---|---|
| 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 | |
|---|---|
| After spillage: | Use appropriate spill absorbent kit as instructed by the manufacturer. Alternatively, mop up with an absorbent material and hold for waste disposal.<br>Appropriate Personal Protective Equipment should be worn, e.g. laboratory coat, gloves, safety glasses and mask.<br>Ventilate area and wash spill site after material pick up is complete. |
| Absorbent material: | No restriction |

| 7. Handling and storage | |
|---|---|
| 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 | |
|---|---|
| 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 | |
|---|---|
| Physical state: | Liquid |
| Colour: | Clear Colourless (Assay Buffer)<br>Milky White (Latex Reagent) |
| 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: | |
|---|---|
| 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 |

| 13. Disposal considerations | 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<br><br>Refer to Section 6. |
|---|---|

| 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 | |
|---|---|
| | This product contains no hazardous chemicals in reportable quantities according to CHIP 3. |
| Hazard symbol: | None |
| Risk phrases:<br><br>Safety phrases: | None<br><br>None |
| Precautions: | See Section 3 |

| 16. Other information | |
|---|---|
| | 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. |