

| 1. Information of the substance/preparation and of the company |   |
|--|---|
| 1.1 Commercial product name                                    | HUMAN ASSAYED MULTI-SERA LEVEL 3  |
| Cat. No.   | KG1532  |
| 1.2. Company   | <b>BGT BioGenTechnologies GmbH</b><br>Von-Langen-Weg 10<br>D-48565 Steinfurt<br>Tel.: 02551/4090 Fax.: 02551/1298 |
| 1.3. In Emergencies  | Tel.: 02551/4090  |

| 2. Composition / Hazardous Ingredients |   |
|--|---|
|  | Contains no hazardous substances in reportable quantities                             |
| Classification:                        | No hazardous chemicals as classified by CHIP 3<br>Biohazard – LYOPHILISED HUMAN SERUM |

| 3. Hazards identification |  |
|---------------------------|--|
| Warnings:                 | The serum in this kit is of human origin. This serum has been tested for the HIV (Human Immunodeficiency Virus) Antibody, HBs Ag and HCV 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. |

| 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:        |
| 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:         | 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 |   |
|---------------------------|---|
| Extinguishing media:      | No restrictions.  |
| Thermal decomposition:    | Gases which are damaging to health do not form in dangerous quantities. |

| 6. Accidental release measures |   |
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| After spillage:                | <b>PRECAUTIONS</b><br>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.<br><br>Alternatively, decontamination using a 0.1% sodium hypochlorite is acceptable. Perform this type of decontamination in a fume hood. |
| Absorbent material:            | No restriction  |

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| <b>7. Handling and storage</b> |   |
| 7.1 Handling:                  | The normal precautions for handling chemicals must be observed. |
| 7.2 Storage                    | Store at +2°C to +8°C   |
| Do not store together:         |   |

|   |                                    |
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| <b>8. Exposure controls/personal protection</b> |                                    |
| TLV:  |                                    |
| Respiratory protection:                         | None                               |
| Eye protection:                                 | Protective Glasses                 |
| Hand protection:                                | One-way gloves (rubber or plastic) |

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| <b>9. Physical and chemical properties</b>        |                |
| Physical state:                                   | LYOPHILISED    |
| Colour:   | Straw coloured |
| Odour:  | None           |
| pH value:   | Not determined |
| Boiling point                                     | Not determined |
| Melting point:                                    | Not determined |
| Flash point:                                      | Not determined |
| Substance does not have any oxidising properties: | Not determined |
| Ignition temperature                              | Not determined |
| Explosion limits:                                 | Not determined |
| Vapour pressure:                                  | Not determined |
| Density:  | Not determined |
| Solubility in water:                              | Soluble        |
| Viscosity   | Not determined |

|                                     |                               |
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| <b>10. Stability and reactivity</b> |                               |
| Hazardous Reactions:                | None when used appropriately. |
| Hazardous decomposition products:   | Not determined                |

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| <b>11. Toxicological information:</b> |           |
| LD50 oral                             | Not Known |
| LD50 intraperitoneal                  | Not Known |
| LD50 skin                             | Not Known |
| LD50 inhalation                       | Not Known |
|                                       |           |
| toxicologic information:              | Not Known |

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|-----------------------------------|-------------------------|
| <b>12. Ecological information</b> |                         |
| Water hazard class:               | Data not yet available. |

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| <b>13. Disposal considerations:</b> | <p><b>PRECAUTIONS</b><br/>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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|----------------------------------|-------------------------|---------|-------------------------|
| <b>14. Transport Information</b> |                         |         |                         |
| 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. |

|                                   |  |
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| <b>15. Regulatory information</b> |  |
|                                   | This product contains no hazardous chemicals in reportable quantities according to CHIP 3. |
| Hazard symbol:                    | None   |
| Warnings                          | None   |
| Precautions:                      | Human based material. See Section 3.   |

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| <b>16. Other information</b> |   |
|                              | 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 laws and guidelines applicable. |