

| 1. Information of the substance/preparation and of the company | |
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| 1.1 Commercial product name | Liquid Cardiac Control, Level 3 |
| Cat. No. | KG5029 |
| 1.2. Company | BGT BioGenTechnologies GmbH Von-Langen-Weg 10 D-48565 Steinfurt Tel.: 02551/4090 Fax.: 02551/1298 |
| 1.3. In Emergencies | Tel.: 02551/4090 |

| 2. Composition / Hazardous Ingredients | |
|--|---------------------------|
| | Contains Chloramphenicol |
| Classification: | Xi: Irritant Biohazard |

| 3. Hazards Identification | |
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| Warnings: | For <i>in vitro</i> diagnostic use only. Do not pipette by mouth. Handle laboratory reagents in accordance with Good Laboratory Practice. May cause irritation to skin and eyes, may be irritating to mucous membranes and upper respiratory tract. Avoid contact with skin, inhalation and ingestion. Biohazard – Human source material from which this product is derived has been tested at donor level for the HIV (Human Immunodeficiency Virus) Antibody, HBs Ag and HCV and found to be non-reactive. FDA approved methods have been used to conduct these tests. 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. |
| Risk Phrase | R43: May cause sensitization by skin contact |
| Safety Phrase | S36/37/39: Wear suitable protective clothing, gloves and eye / face protection S45: In case of accident or if you feel unwell, seek medical advice immediately (show label where possible) |

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| 4. First aid measures | |
| 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: | 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. |

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| 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 |

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| 6. Accidental release measures | |
| After spillage: | PRECAUTIONS Treat material as you would human body fluids. Disposal should, therefore include autoclaving at 121°C for 20 minutes 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. |
| Absorbent material: | No restrictions |

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| 7. Handling and storage | |
| 7.1 Handling: | The normal precautions for handling chemicals must be observed. |
| 7.2 Storage | Store at temperatures as indicated on the product label |
| Do not store together: | N/A |

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| 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 |

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| 9. Physical and chemical properties | |
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| Physical state: | Liquid |
| Colour: | Pale yellow |
| Odour: | Mild odour |
| 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 explosive |
| Vapour pressure: | Not determined |
| Density: | Not determined |
| Solubility in water: | Soluble |
| Viscosity | Not determined |

| 10. Stability and reactivity | |
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| Stability: | Stable |
| Conditions to avoid: | Not determined |
| Substances to avoid: | None known |
| Hazardous decomposition products: | Not determined |

| 11. Toxicological information: | |
|---------------------------------------|-----------------------------|
| LD50 oral | Not Known |
| LD50 intraperitoneal | Not Known |
| LD50 skin | Not Known |
| LD50 inhalation | Not Known |
| Toxicologic information: | Not thoroughly investigated |

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

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| 13. Disposal considerations: | <p>PRECAUTIONS Treat material as you would human body fluids. Disposal should, therefore include autoclaving at 121 °C for 20 minutes 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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| Hazard symbol: | Xi: Irritant Biohazard |
| Risk Phrases | R43: May cause sensitization by skin contact |
| Safety Phrases | S36/37/39: Wear suitable protective clothing, gloves and eye / face protection S45: In case of accident or if you feel unwell, seek medical advice immediately (show label where possible) |
| Precautions: | See section 3 |

| 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 laws and guidelines applicable. |