

### Section 1: Identification

|                                   |  |   |
|-----------------------------------|--|---|
| <b>Common Name/Trade Name</b>     | Methylcobalamin  |   |
| <b>Supplier Information</b>       | Letco Medical, LLC<br>1316 Commerce Drive NW<br>Decatur, AL 35601<br>1 (800) 239-5288<br>+1 (734) 843-4693   | <b>IN CASE OF EMERGENCY:</b><br>Chemtrec<br>1 (800) 424-9300 (24 hours)<br>NSW Poisons Information Centre: 131 126 (24 hours) |
| <b>Distributor Name</b>           | Bella Corp Trading Pty Ltd<br>6/34 Dominions Road, Ashmore QLD 4214, Australia<br>Telephone: 07 5597 4169<br>Email: <a href="mailto:bellacorp@bellacorp.com.au">bellacorp@bellacorp.com.au</a> |   |
| <b>Product Synonym(s)</b>         | N/A  |   |
| <b>Relevant Use(s) of Product</b> | Manufacture or Compounding of Substances   |   |

### Section 2: Hazards Identification

|   |                                       |
|---|---------------------------------------|
| <b>Classification of Substance or Mixture</b> | Not a hazardous substance or mixture. |
| <b>Signal Word</b>                            | None                                  |
| <b>Hazard Statement(s)</b>                    | N/A                                   |
| <b>Pictogram(s)</b>                           | N/A                                   |
| <b>Precautionary Statement(s)</b>             | N/A                                   |
| <b>Hazards Not Otherwise Classified</b>       | None                                  |
| <b>Ingredient(s) with Unknown Toxicity</b>    | N/A                                   |

### Section 3: Composition/Information on Ingredients

|  |                 |
|--|-----------------|
| <b>Chemical Name</b>                           | Methylcobalamin |
| <b>Common Name</b>                             | Methylcobalamin |
| <b>CAS Number</b>                              | 13422-55-4      |
| <b>Impurities and/or Stabilizing Additives</b> | N/A             |

### Section 4: First Aid Measures

|  |   |
|--|---|
| <b>General Advice</b>                      | Consult a physician. Show this safety data sheet to the doctor in attendance.   |
| <b>If Inhaled</b>                          | If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a Physician.                       |
| <b>In Case of Skin Contact</b>             | Wash off with soap and plenty of water. Consult a physician.  |
| <b>In Case of Eye Contact</b>              | Flush eyes with water as a precaution.  |
| <b>If Swallowed</b>                        | Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.                                   |
| <b>Most Important Symptoms and Effects</b> | No data available. Indication of immediate medical attention and special treatment needed: Notes to physician: treat symptomatically. |

### Section 5: Fire Fighting Measures

|   |  |
|---|--|
| <b>Suitable Extinguishing Media</b>                       | Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Do not use water jet.   |
| <b>Special Hazards Arising From the Substance/Mixture</b> | Carbon oxides, nitrogen oxides (NO <sub>x</sub> ), some metallic oxides.   |
| <b>Special PPE and/or Precautions for Firefighters</b>    | Advice for firefighters: SMALL FIRE: Use Dry chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet. Wear self-contained breathing apparatus for firefighting if necessary. |

### Section 6: Accidental Release Measures

|  |   |
|--|---|
| <b>Personal Precautions, Protective Equipment and Emergency Procedures</b> | For personal protection see section 8.  |
| <b>Methods and Materials Used for Containment</b>                          | Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements. Large Spill: Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. |
| <b>Cleanup Procedures</b>  | Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements. Large Spill: Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. |

## Section 7: Handling and Storage

|                                      |   |
|--------------------------------------|---|
| <b>Precautions for Safe Handling</b> | Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe dust. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents. |
| <b>Conditions for Safe Storage</b>   | USP: Preserve in tight, light-resistant containers, and store at controlled room temperature. JP: Store in light-resistant and tightly closed containers. IP: Store protected from light and moisture.  |

## Section 8: Exposure Controls/Personal Protection

|   |   |
|---|---|
| <b>Components with Workplace Control Parameters</b> | No data available   |
| <b>Appropriate Engineering Controls</b>             | Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit. |
| <b>PPE - Eye/Face Protection</b>                    | Safety glasses. Splash goggles.   |
| <b>PPE - Skin Protection</b>                        | Gloves. Lab coat. Full suit. Boots.   |
| <b>PPE - Body Protection</b>                        | Gloves. Lab coat. Full suit. Boots.   |
| <b>PPE - Respiratory Protection</b>                 | Use an approved/certified respirator or equivalent. A self-contained breathing apparatus should be used to avoid inhalation of the product.   |

## Section 9: Physical and Chemical Properties

|   |                                |
|---|--------------------------------|
| <b>Appearance</b>                                   | A dark red crystalline powder. |
| <b>Upper/Lower Flammability or Explosive Limits</b> | No data available              |
| <b>Odor</b>   | Odorless                       |
| <b>Vapor Pressure</b>                               | No data available              |
| <b>Odor Threshold</b>                               | Not applicable                 |
| <b>Vapor Density</b>                                | No data available              |
| <b>pH</b>   | No data available              |
| <b>Relative Density</b>                             | No data available              |
| <b>Melting Point/Freezing Point</b>                 | No data available              |
| <b>Solubility</b>                                   | Sparingly soluble in water     |
| <b>Initial Boiling Point and Boiling Range</b>      | Not applicable                 |
| <b>Flash Point</b>                                  | No data available              |
| <b>Evaporation Rate</b>                             | No data available              |
| <b>Flammability (Solid, Gas)</b>                    | No data available              |
| <b>Partition Coefficient</b>                        | No data available              |
| <b>Auto-Ignition Temperature</b>                    | No data available              |
| <b>Decomposition Temperature</b>                    | No data available              |
| <b>Viscosity</b>                                    | No data available              |

## Section 10: Stability and Reactivity

|   |  |
|---|--|
| <b>Reactivity</b>                         | No data available  |
| <b>Chemical Stability</b>                 | Stable under recommended storage conditions.   |
| <b>Possibility of Hazardous Reactions</b> | No data available  |
| <b>Conditions to Avoid</b>                | No data available  |
| <b>Incompatible Materials</b>             | Strong oxidizing agents  |
| <b>Hazardous Decomposition Products</b>   | Hazardous decomposition products formed under fire conditions- Carbon oxides, Nitrogen oxide, some metal oxides. |

## Section 11: Toxicological Information

|  |   |
|--|---|
| Acute Toxicity - LD50 Oral                         | Acute oral toxicity (LD50): 5000 mg/kg [Rat]. Slightly hazardous in case of ingestion. May cause gastrointestinal tract irritation. |
| Acute Toxicity - Inhalation                        | No data available. Slightly hazardous in case of inhalation.  |
| Acute Toxicity - Dermal                            | no data available   |
| Acute Toxicity - Eye                               | Dust may cause eye irritation.  |
| Skin Corrosion/Irritation                          | Slightly hazardous in case of skin contact (irritant). May cause skin irritation.   |
| Serious Eye Damage/Irritation                      | Dust may cause eye irritation.  |
| Respiratory or Skin Sensitization                  | Dust may cause respiratory tract irritation.  |
| Germ Cell Mutagenicity                             | no data available   |
| Carcinogenicity IARC                               | No data available. May cause cancer (tumorigenic) based on animal data.   |
| Carcinogenicity ACGIH                              | No data available. May cause cancer (tumorigenic) based on animal data.   |
| Carcinogenicity NTP                                | No data available. May cause cancer (tumorigenic) based on animal data.   |
| Carcinogenicity OSHA                               | No data available. May cause cancer (tumorigenic) based on animal data.   |
| Reproductive Toxicity                              | May cause adverse reproductive and birth defects based on animal data.  |
| Specific Target Organ Toxicity - Single Exposure   | no data available   |
| Specific Target Organ Toxicity - Repeated Exposure | no data available   |
| Aspiration Hazard                                  | no data available   |

## Section 12: Ecological Information

|                               |   |
|-------------------------------|---|
| Toxicity                      | Not available.  |
| Persistence and Degradability | Not available   |
| Bio-accumulative Potential    | Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. The product itself and its products of degradation are not toxic. |
| Mobility in Soil              | No data available   |
| Other Adverse Effects         | No data available   |

## Section 13: Disposal Considerations

|   |  |
|---|--|
| Waste Treatment Methods Product               | Dispose in accordance with local, State and federal regulations. |
| Waste Treatment Methods Packaging             | Dispose in accordance with local, State and federal regulations. |
| Special Precautions Landfill or Incinerations | no data available  |
| Other Information                             | no data available  |

## Section 14: Transport Information

|                            |                     |
|----------------------------|---------------------|
| UN Number                  | Not dangerous goods |
| UN Proper Shipping Name    | N/A                 |
| Transport Hazard Class(es) | N/A                 |
| Packaging Group            | N/A                 |
| Environmental Hazards      | N/A                 |

## Section 15: Regulatory Information

This safety data sheet was prepared in accordance 29 CFR 1910.1200 and Regulation (EC) No. 1272/2008. Chemical safety assessment: For this product a chemical safety assessment was not carried out.

## Section 16: Other Information

|                        |                  |
|------------------------|------------------|
| Additional Information | N/A              |
| Prepared By            | Scarlotte Smith  |
| Revision Date          | 06/14/2023 13:42 |

### Disclaimer

Letco Medical, LLC believes that the above information is correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is

based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. If the product is used as a component in another product, this information may not be applicable. NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, IS MADE CONCERNING THE INFORMATION PROVIDED ABOVE. Letco Medical shall not be held liable for any loss or damage resulting from handling, storage, use or from contact with the above product.