

Section 1: Identification

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

Section 2: Hazards Identification

| | |
|---|--------------------------------------|
| Classification of Substance or Mixture | Not a hazardous substance or mixture |
| Signal Word | None |
| Hazard Statement(s) | N/A |
| Pictogram(s) | N/A |
| Precautionary Statement(s) | N/A |
| Hazards Not Otherwise Classified | No data available |
| Ingredient(s) with Unknown Toxicity | No data available |

Section 3: Composition/Information on Ingredients

| | |
|--|----------------------|
| Chemical Name | N/A |
| Common Name | Creatine Monohydrate |
| CAS Number | 6020-87-7 |
| Impurities and/or Stabilizing Additives | No data available |

Section 4: First Aid Measures

| | |
|--|--|
| General Advice | Seek medical advice in case of symptoms caused by eye or skin contact, inhalation or swallowing. |
| If Inhaled | See that there is fresh air. |
| In Case of Skin Contact | No hazards which require special first aid measures. |
| In Case of Eye Contact | Rinse thoroughly with plenty of water, also under the eyelids. |
| If Swallowed | No hazards which require special first aid measures. |
| Most Important Symptoms and Effects | None known. |

Section 5: Fire Fighting Measures

| | |
|---|---|
| Suitable Extinguishing Media | Suitable extinguishing media: Water spray, foam, CO2, dry powder. Unsuitable extinguishing media: high volume water jet |
| Special Hazards Arising From the Substance/Mixture | Carbon oxides, nitrogen oxides (NOx). |
| Special PPE and/or Precautions for Firefighters | In the case of fire, wear respiratory protective equipment independent of surrounding air and chemical protective suit. |

Section 6: Accidental Release Measures

| | |
|--|---|
| Personal Precautions, Protective Equipment and Emergency Procedures | Wear personal protective equipment; see section 8. Ensure adequate ventilation. Avoid dust formation. |
| Methods and Materials Used for Containment | Product or extinguishing water with product must not be allowed to enter soil, sewers or natural bodies of water. |
| Cleanup Procedures | Use mechanical handling equipment. Avoid dust formation. Keep in suitable, closed containers for disposal. |

Section 7: Handling and Storage

| | |
|--------------------------------------|--|
| Precautions for Safe Handling | Ensure adequate ventilation. Avoid dust formation. Do not allow accumulation of dust. Avoid formation of air-dust mixtures and keep away from ignition sources (sparks, flames, open flame) to prevent dust explosions. Take measures to prevent the buildup of electrostatic charge. Do not breathe dust. Avoid contact with eyes. Take off clothing and shoes contaminated with product. Clean before reuse. Do not eat, drink or smoke while working. Wash hands, and/or face before breaks and when workday is finished. |
| Conditions for Safe Storage | Keep container tightly closed in a dry and well-ventilated place. Suitable material: polyethylene, Polypropylene |

Section 8: Exposure Controls/Personal Protection

| | |
|---|--|
| Components with Workplace Control Parameters | None known. |
| Appropriate Engineering Controls | Do not breathe dust. Avoid contact with eyes. Take off clothing and shoes contaminated with product. Clean before reuse. Do not eat, drink or smoke while working. Wash hands, and/or face before breaks and when workday is finished. |
| PPE - Eye/Face Protection | not required under normal use protective goggles in case of dusts being formed |
| PPE - Skin Protection | not required under normal use |
| PPE - Body Protection | Protective clothing If intensive contact with the hazardous material cannot be avoided with certainty, order (depending on the hazard involved) additional protective measures for example chemical protective suit. |
| PPE - Respiratory Protection | Not required under normal use. Use suitable respiratory protection in the presence of dust. Dust protection mask in accordance with EN 149 FFP2 |

Section 9: Physical and Chemical Properties

| | |
|---|---|
| Appearance | Colorless to slightly yellow powder. |
| Upper/Lower Flammability or Explosive Limits | BZ 1 - does not ignite. Method: VDI 2263 |
| Odor | Odorless |
| Vapor Pressure | No data available |
| Odor Threshold | No data available |
| Vapor Density | No data available |
| pH | 7,4 (20°C) Concentration: 14 g/l (saturated solution) |
| Relative Density | No data available |
| Melting Point/Freezing Point | ca. 290°C. Decomposition: yes |
| Solubility | 14 g/l (20°C) |
| Initial Boiling Point and Boiling Range | No data available |
| Flash Point | Not applicable. |
| Evaporation Rate | No data available |
| Flammability (Solid, Gas) | BZ 1 - does not ignite. Method: VDI 2263 |
| Partition Coefficient | log Pow: -2 (20°C) |
| Auto-Ignition Temperature | > 800°C Ignition temperature for swirling (airborne) dust |
| Decomposition Temperature | ca. 290°C. Decomposition: yes |
| Viscosity | No data available |

Section 10: Stability and Reactivity

| | |
|---|--|
| Reactivity | See Hazardous Reactions |
| Chemical Stability | No decomposition if stored and applied as directed. |
| Possibility of Hazardous Reactions | No hazardous reactions are known if properly handled and stored. |
| Conditions to Avoid | Avoid temperatures above 250°C. |
| Incompatible Materials | Strong acids and strong bases Strong oxidizing agents |
| Hazardous Decomposition Products | No decomposition if stored and applied as directed. |

Section 11: Toxicological Information

| | |
|---|---|
| Acute Toxicity - LD50 Oral | LD50 (Rat): > 2000 mg/kg Method: OECD TG 423 Assessment: Based on available data, the classification criteria are not met. Remarks: Own test result. |
| Acute Toxicity - Inhalation | No data available |
| Acute Toxicity - Dermal | LD50 (rat, male/female): > 2000 mg/kg Method: OECD Test Guideline 402 Assessment: Based on available data, the classification criteria are not met. Remarks: Own test result. |
| Acute Toxicity - Eye | No data available |
| Skin Corrosion/Irritation | Species: Rabbit Method: Directive 67/548/EEC, Annex V, B.4. Result: No skin irritation Remarks: Own test result. |
| Serious Eye Damage/Irritation | Species: Rabbit Method: Guideline 92/69/EEC B.5 Result: No eye irritation Remarks: Own test result. |
| Respiratory or Skin Sensitization | Test Type: Magnusson & Kligman Species: guinea pig Method: Directive 96/54/EC, B.6 Result: not sensitizing Remarks: Own test result. |
| Germ Cell Mutagenicity | Germ cell mutagenicity Assessment: Not mutagenic in Ames Test, Own study |
| Carcinogenicity IARC | No data available. Carcinogenicity Assessment: No evidence that cancer may be caused. |
| Carcinogenicity ACGIH | No data available. Carcinogenicity Assessment: No evidence that cancer may be caused. |
| Carcinogenicity NTP | No data available. Carcinogenicity Assessment: No evidence that cancer may be caused. |
| Carcinogenicity OSHA | No data available. Carcinogenicity Assessment: No evidence that cancer may be caused. |
| Reproductive Toxicity | No indications of effects of reproductive / developmental toxicity. |
| Specific Target Organ Toxicity - Single Exposure | No data available |
| Specific Target Organ Toxicity - Repeated Exposure | Species: Rat NOAEL: 2000 mg/kg Exposure time: 28-day Assessment: Based on available data, the classification criteria are not met. |
| Aspiration Hazard | No data available |

Section 12: Ecological Information

| | |
|--------------------------------------|--|
| Toxicity | Toxicity to fish: LC50 (Brachydanio rerio): > 100 mg/l Exposure time: 96 h Method: Directive 92/69/EEC, C.2 Remarks: Own test result. NOEC: > 100 mg/l Method: Directive 92/69/EEC, C.2 Remarks: Own test result. Toxicity to daphnia and other aquatic invertebrates: EC50 (Daphnia magna): > 1000 mg/l Exposure time: 48 h Method: Directive 92/69/EEC C.2 Remarks: Own test result. |
| Persistence and Degradability | Biodegradability: Result: Readily biodegradable. Biodegradation: 96,6 %. Exposure time: 28 d. Remarks: Own study. |
| Bio-accumulative Potential | Bioaccumulation: Remarks: No bioaccumulation is to be expected (log Pow <= 4). Partition coefficient: n-octanol/water: log Pow: < -2 (20°C) |
| Mobility in Soil | No data available |
| Other Adverse Effects | No data available |

Section 13: Disposal Considerations

| | |
|--|--|
| Waste Treatment Methods Product | Must be brought to an adequate waste treatment facility, in conformity with applicable waste disposal regulations. |
| Waste Treatment Methods Packaging | Packaging, that cannot be reused after cleaning must be disposed or recycled in accordance with all federal, national and local 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

Chemical safety assessment No substance safety assessment is required for this product because use of the substance is already regulated within the framework of specific legal regulations.

Section 16: Other Information

| | |
|-------------------------------|------------------|
| Additional Information | N/A |
| Prepared By | Scarlotte Smith |
| Revision Date | 10/19/2020 15:30 |

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.