


Section 1: Identification

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| Common Name/Trade Name | PAPAVERINE HYDROCHLORIDE | |
| 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

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| Classification of Substance or Mixture | Acute toxicity, Oral (Category 3) | |
| Signal Word | Danger | |
| Hazard Statement(s) | H301 | Toxic if swallowed |
| Pictogram(s) |  | |
| Precautionary Statement(s) | P264 P301+P310 P330 P405 P501 | Wash hands thoroughly after handling. IF SWALLOWED Immediately call a POISON CENTER or doctor/physician. Rinse mouth. Store locked up. Dispose of contents/container to an approved waste disposal plant. |
| Hazards Not Otherwise Classified | No data available | |
| Ingredient(s) with Unknown Toxicity | No data available | |

Section 3: Composition/Information on Ingredients

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| Chemical Name | 6,7-Dimethoxy-1-veratrylisoquinoline hydrochloride |
| Common Name | Papaverine Hydrochloride |
| CAS Number | 61-25-6 |
| Impurities and/or Stabilizing Additives | No data available |

Section 4: First Aid Measures

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| General Advice | Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area. |
| If Inhaled | Bring the person out of the contaminated area to fresh air. Call a doctor immediately. Show product-label or this MSDS. |
| In Case of Skin Contact | Take off contaminated clothes and shoes, wash immediately with plenty of water and soap. |
| In Case of Eye Contact | Rinse opened eye for several minutes under running water. |
| If Swallowed | Rinse out mouth and then drink plenty of water Do not induce vomiting; call for medical help immediately. |
| Most Important Symptoms and Effects | No further relevant information available. |

Section 5: Fire Fighting Measures

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| Suitable Extinguishing Media | All regular extinguishing media can be used. Use fire extinguishing methods suitable to surrounding conditions. |
| Special Hazards Arising From the Substance/Mixture | Combustible but not oxidizing. In case of fire dangerous vapors/gases can be generated: Smoke gases. |
| Special PPE and/or Precautions for Firefighters | In case of fire wear suitable protective clothes and respiratory protection. Prevent from entering into drains. Fire residues must be disposed in accordance with official regulations. |

Section 6: Accidental Release Measures

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| Personal Precautions, Protective Equipment and Emergency Procedures | Avoid formation of dust. Avoid contact with the substance. |
| Methods and Materials Used for Containment | Do not allow to enter sewers/surface or groundwater. |
| Cleanup Procedures | Take up dry. Clean up with water. Dispose contaminated material as waste according to item 13. |

Section 7: Handling and Storage

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| Precautions for Safe Handling | Thorough dedusting. |
| Conditions for Safe Storage | Tightly closed. Store at a dry place. At room temperature (15°C to 25°C). Protect from exposure to the light. Storage class: TRHS 510: 6.1 C Combustible acutely toxic or chronic substances |

Section 8: Exposure Controls/Personal Protection

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| Components with Workplace Control Parameters | Ingredients with limit values that require monitoring at the workplace: Not required. |
| Appropriate Engineering Controls | General protective and hygienic measures: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. |
| PPE - Eye/Face Protection | Tightly sealed goggles |
| PPE - Skin Protection | Protective gloves. Material of gloves: The selection of suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. Penetration time of glove material: The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed. |
| PPE - Body Protection | Protective work clothing. |
| PPE - Respiratory Protection | Dust protection mask. |

Section 9: Physical and Chemical Properties

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| Appearance | Form: Powder Color: White |
| Upper/Lower Flammability or Explosive Limits | No data available |
| Odor | No data available |
| Vapor Pressure | No data available |
| Odor Threshold | No data available |
| Vapor Density | No data available |
| pH | No data available |
| Relative Density | No data available |
| Melting Point/Freezing Point | Melting point/range: 226°C (438.8°F) |
| Solubility | Soluble in cold water, hot water. |
| Initial Boiling Point and Boiling Range | Decomposes |
| Flash Point | No data available |
| Evaporation Rate | No data available |
| Flammability (Solid, Gas) | No data available |
| Partition Coefficient | No data available |
| Auto-Ignition Temperature | No data available |
| Decomposition Temperature | No data available |
| Viscosity | No data available |

Section 10: Stability and Reactivity

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| Reactivity | No further relevant information available. |
| Chemical Stability | Thermal decomposition: No decomposition if used according to specifications. |
| Possibility of Hazardous Reactions | No dangerous reactions known. |
| Conditions to Avoid | Direct solar radiation. |
| Incompatible Materials | No further relevant information available |
| Hazardous Decomposition Products | No dangerous decomposition products known. |

Section 11: Toxicological Information

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| Acute Toxicity - LD50 Oral | Oral (Rat) LD50: 68.800 mg/kg |
| Acute Toxicity - Inhalation | No data available |
| Acute Toxicity - Dermal | No data available |
| Acute Toxicity - Eye | No data available |
| Skin Corrosion/Irritation | Based on available data, the classification criteria are not met. |
| Serious Eye Damage/Irritation | Based on available data, the classification criteria are not met. |
| Respiratory or Skin Sensitization | Based on available data, the classification criteria are not met. |
| Germ Cell Mutagenicity | Based on available data, the classification criteria are not met. |
| Carcinogenicity IARC | Based on available data, the classification criteria are not met. |
| Carcinogenicity ACGIH | Based on available data, the classification criteria are not met. |
| Carcinogenicity NTP | Based on available data, the classification criteria are not met. |
| Carcinogenicity OSHA | Based on available data, the classification criteria are not met. |
| Reproductive Toxicity | Based on available data, the classification criteria are not met. |
| Specific Target Organ Toxicity - Single Exposure | Based on available data, the classification criteria are not met. |
| Specific Target Organ Toxicity - Repeated Exposure | Based on available data, the classification criteria are not met. |
| Aspiration Hazard | Based on available data, the classification criteria are not met. |

Section 12: Ecological Information

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| Toxicity | No further relevant information available. |
| Persistence and Degradability | No further relevant information available. |
| Bio-accumulative Potential | No further relevant information available. |
| Mobility in Soil | No further relevant information available. |
| Other Adverse Effects | Additional ecological information: General notes: Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach groundwater, water course or sewage system. |

Section 13: Disposal Considerations

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| Waste Treatment Methods Product | Must not be disposed of together with household garbage. Do not allow product to reach sewage system. |
| Waste Treatment Methods Packaging | Disposal must be made according to local regulations. |
| Special Precautions Landfill or Incinerations | No data available |
| Other Information | No data available |

Section 14: Transport Information

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| UN Number | UN1544 |
| UN Proper Shipping Name | Alkaloids, solid, n.o.s. (Papaverine hydrochloride) |
| Transport Hazard Class(es) | 6.1 |
| Packaging Group | III |
| Environmental Hazards | No data available |

Section 15: Regulatory Information

SARA 302 Components: SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 313 Components: SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. SARA 311/312 Hazards: Acute Health Hazard, Chronic Health Hazard. Massachusetts Right-To-Know Components: No components are subject to the Massachusetts Right-To-Know Act. Pennsylvania Right-To-Know Components: Papaverine hydrochloride CAS-No. 61-25-6. New Jersey Right-To-Know Components: Papaverine hydrochloride CAS-No. 61-25-6. California Prop. 65 Components: This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

Section 16: Other Information

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| Additional Information | Safety, health and environmental regulations/legislation specific for the substance or mixture LIST OF SUBSTANCES SUBJECT TO AUTHORISATION (ANNEX XIV): Not listed REGULATION (EC) No 1907/2006 ANNEX XVII Not listed DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment Annex II Substance is not listed. National regulations: Storage of hazardous substances in in nonstationary vessels (TRGS 510) (Germany) TRHS 510: 6.1 C Combustible acutely toxic or chronic substances Chemical safety assessment: A Chemical Safety Assessment has not been carried out. |
| Prepared By | Scarlotte Smith |
| Revision Date | 01/19/2024 14:40 |

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