


**Section 1: Identification**

<b>Common Name/Trade Name</b>	CANTHARIDIN	
<b>Supplier Information</b>	Letco Medical, LLC 1316 Commerce Drive NW Decatur, AL 35601 1 (800) 239-5288 +1 (734) 843-4693	<b>IN CASE OF EMERGENCY:</b> Chemtrec 1 (800) 424-9300 (24 hours) NSW Poisons Information Centre: 131 126 (24 hours)
<b>Distributor Name</b>	Bella Corp Trading Pty Ltd 6/34 Dominions Road, Ashmore QLD 4214, Australia Telephone: 07 5597 4169 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>	Acute toxicity, Oral (Category 1), Skin irritation (Category 2), Eye irritation (Category 2A)	
<b>Signal Word</b>	Danger	
<b>Hazard Statement(s)</b>	H300 H315 H319	Fatal if swallowed Causes skin irritation Causes serious eye irritation
<b>Pictogram(s)</b>		
<b>Precautionary Statement(s)</b>	P264 P270 P280 P301+P310 P302+P352 P305+P351+P338 P330 P332+P313 P337+P313 P362 P405 P501	Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. IF SWALLOWED Immediately call a POISON CENTER or doctor/physician. IF ON SKIN Wash with soap and water. IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. continue rinsing. Rinse mouth. If skin irritation occurs Get medical advice/attention. If eye irritation persists Get medical advice/attention. Take off contaminated clothing and wash before reuse. Store locked up. Dispose of contents/container to an approved waste disposal plant.
<b>Hazards Not Otherwise Classified</b>	No data available	
<b>Ingredient(s) with Unknown Toxicity</b>	No data available	

**Section 3: Composition/Information on Ingredients**

<b>Chemical Name</b>	(1R,2S,3R,6S)-1,2-Dimethyl-3,6-epoxycyclohexane-1,2-dicarboxylic anhydride
<b>Common Name</b>	Cantharidin
<b>CAS Number</b>	56-25-7
<b>Impurities and/or Stabilizing Additives</b>	No data available

**Section 4: First Aid Measures**

<b>General Advice</b>	Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance. Ensure that medical personnel are aware of the substance involved. Take precautions to protect themselves and prevent spread of contamination.
<b>If Inhaled</b>	Move victim into fresh air. If breathing is difficult, give oxygen. Do not use mouth-to-mouth resuscitation if victim ingested or inhaled the substance. If not breathing, give artificial respiration and consult a physician immediately.
<b>In Case of Skin Contact</b>	Take off contaminated clothing and shoes immediately. Wash off with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable.
<b>In Case of Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable.
<b>If Swallowed</b>	Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately.
<b>Most Important Symptoms and Effects</b>	Substance accumulation, in the human body, may occur and may cause some concern following repeated or long-term occupational exposure. Indication of Any Immediate Medical Attention and Special Treatment Needed 1 Treat symptomatically. 2 Symptoms may be delayed.

## Section 5: Fire Fighting Measures

<b>Suitable Extinguishing Media</b>	Suitable Extinguishing Media Dry chemical, carbon dioxide or alcohol-resistant foam. Unsuitable Extinguishing Media Do not use a solid water stream as it may scatter or spread fire.
<b>Special Hazards Arising From the Substance/Mixture</b>	1 May emit poisonous fumes on fire. 2 Containers may explode when heated. 3 Fire-exposed containers may vent contents through pressure relief valves. 4 May expansion or decompose explosively when heated or involved in fire.
<b>Special PPE and/or Precautions for Firefighters</b>	1 As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH-approved or equivalent) and full protective gear. 2 Fight fire from a safe distance, with adequate cover. 3 Prevent fire extinguishing water from contaminating surface water or the ground water system.

## Section 6: Accidental Release Measures

<b>Personal Precautions, Protective Equipment and Emergency Procedures</b>	1 Ensure adequate ventilation. Remove all sources of ignition. 2 Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. 3 Use personal protective equipment. Avoid breathing vapours, mist, gas or dust.
<b>Methods and Materials Used for Containment</b>	1 Prevent further leakage or spillage if safe to do so. 2 Discharge into the environment must be avoided.
<b>Cleanup Procedures</b>	1 Absorb spilled material in dry sand or inert absorbent. In case of large amount of spillage, contain a spill by bunding. 2 Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations. 3 Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment.

## Section 7: Handling and Storage

<b>Precautions for Safe Handling</b>	1 Handling is performed in a well-ventilated place. 2 Wear suitable protective equipment. 3 Avoid contact with skin and eyes. 4 Keep away from heat/sparks/open flames/ hot surfaces. 5 Take precautionary measures against static discharges.
<b>Conditions for Safe Storage</b>	1 Keep containers tightly closed. 2 Keep containers in a dry, cool and well-ventilated place. 3 Keep away from heat/sparks/open flames/ hot surfaces. 4 Store away from incompatible materials and foodstuff containers.

## Section 8: Exposure Controls/Personal Protection

<b>Components with Workplace Control Parameters</b>	No information available
<b>Appropriate Engineering Controls</b>	1 Ensure adequate ventilation, especially in confined areas. 2 Ensure that eyewash stations and safety showers are close to the workstation location. 3 Use explosion-proof electrical/ventilating/lighting/equipment. 4 Set up emergency exit and necessary risk-elimination area.
<b>PPE - Eye/Face Protection</b>	Tightly fitting safety goggles (approved by EN 166(EU) or NIOSH (US)).
<b>PPE - Skin Protection</b>	Wear protective gloves (such as butyl rubber), passing the tests according to EN 374(EU),US F739 or AS/NZS 2161.1 standard.
<b>PPE - Body Protection</b>	Wear fire/flame resistant/retardant clothing and antistatic boots.
<b>PPE - Respiratory Protection</b>	If exposure limits are exceeded or if irritation or other symptoms are experienced, use a full-face respirator with multi-purpose combination (US) or type AXBEK (EN 14387) respirator cartridges

## Section 9: Physical and Chemical Properties

<b>Appearance</b>	White powder
<b>Upper/Lower Flammability or Explosive Limits</b>	No data available
<b>Odor</b>	No data available
<b>Vapor Pressure</b>	No data available
<b>Odor Threshold</b>	No data available
<b>Vapor Density</b>	No data available
<b>pH</b>	No data available
<b>Relative Density</b>	(Water=1): 1.362
<b>Melting Point/Freezing Point</b>	Melting point/range: 215 - 217 °C - lit.
<b>Solubility</b>	No data available
<b>Initial Boiling Point and Boiling Range</b>	No data available
<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>	Contact with incompatible substances can cause decomposition or other chemical reactions.
<b>Chemical Stability</b>	Stable under proper operation and storage conditions.
<b>Possibility of Hazardous Reactions</b>	No information available
<b>Conditions to Avoid</b>	Incompatible materials, heat, flame and spark.
<b>Incompatible Materials</b>	No information available
<b>Hazardous Decomposition Products</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11: Toxicological Information

<b>Acute Toxicity - LD50 Oral</b>	No information available
<b>Acute Toxicity - Inhalation</b>	No information available
<b>Acute Toxicity - Dermal</b>	No information available
<b>Acute Toxicity - Eye</b>	No information available
<b>Skin Corrosion/Irritation</b>	Causes skin irritation (Category 2) (Cantharidin)
<b>Serious Eye Damage/Irritation</b>	No information available
<b>Respiratory or Skin Sensitization</b>	No information available
<b>Germ Cell Mutagenicity</b>	No information available
<b>Carcinogenicity IARC</b>	Listed as Category 3
<b>Carcinogenicity ACGIH</b>	No information available
<b>Carcinogenicity NTP</b>	No information available
<b>Carcinogenicity OSHA</b>	No information available
<b>Reproductive Toxicity</b>	No information available
<b>Specific Target Organ Toxicity - Single Exposure</b>	No information available
<b>Specific Target Organ Toxicity - Repeated Exposure</b>	No data available
<b>Aspiration Hazard</b>	No data available

## Section 12: Ecological Information

<b>Toxicity</b>	No information available
<b>Persistence and Degradability</b>	No information available
<b>Bio-accumulative Potential</b>	No information available
<b>Mobility in Soil</b>	No information available
<b>Other Adverse Effects</b>	No information available

## Section 13: Disposal Considerations

<b>Waste Treatment Methods Product</b>	Before disposal should refer to the relevant national and local laws and regulation. Recommend the use of incineration disposal.
<b>Waste Treatment Methods Packaging</b>	Containers may still present chemical hazard when empty. Keep away from hot and ignition source of fire. Return to supplier for recycling if possible.
<b>Special Precautions Landfill or Incinerations</b>	No data available
<b>Other Information</b>	No data available

## Section 14: Transport Information

<b>UN Number</b>	2811
<b>UN Proper Shipping Name</b>	Toxic solids, organic, n.o.s. ((1R,2S,3R,6S)-1,2-Dimethyl-3,6-epoxycyclohexane-1,2-dicarboxylic anhydride)
<b>Transport Hazard Class(es)</b>	6.1
<b>Packaging Group</b>	I
<b>Environmental Hazards</b>	Marine Pollutant: No

## Section 15: Regulatory Information

Component EINECS TSCA DSL IECSC NZIo C PICCS KECI AICS ENCS Cantharidin ✓✓×✓✓××× EINECS European Inventory of Existing Commercial Chemical Substances. TSCA United States Toxic Substances Control Act Inventory. DSL Canadian Domestic Substances List. IECSC China Inventory of Existing Chemical Substances. NZIo C New Zealand Inventory of Chemicals. PICCS Philippines Inventory of Chemicals and Chemical Substances. KECI Existing and Evaluated Chemical Substances. AICS Australia Inventory of Chemical Substances. ENCS Existing And New Chemical Substances. Note "✓" Indicates that the substance included in the regulations "×" That no data or included in the regulations.

## Section 16: Other Information

<b>Additional Information</b>	N/A
<b>Prepared By</b>	Scarlotte Smith
<b>Revision Date</b>	08/02/2023 10:26

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