

Section 1: Identification

Common Name/Trade Name	Ascorbyl Palmitate	
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)
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)	L-Ascorbic acid 6-palmitate	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	Aquatic environment chronic toxicity (Category 3 & 4)	
Signal Word	None	
Hazard Statement(s)	H412 H413	Harmful to aquatic life with long lasting effects May cause long lasting harmful effects to aquatic life
Pictogram(s)	N/A	
Precautionary Statement(s)	P273 P501	Avoid release to the environment. 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

Chemical Name	L-Ascorbic acid 6-palmitate
Common Name	Ascorbyl Palmitate
CAS Number	137-66-6
Impurities and/or Stabilizing Additives	N/A

Section 4: First Aid Measures

General Advice	No data available
If Inhaled	Remove the casualty to fresh air and keep him/her calm. Consult physician.
In Case of Skin Contact	Remove immediately contaminated clothes, wash affected skin with water and soap, do not use any solvents
In Case of Eye Contact	Rinse immediately with tap water for 10 minutes, open eyelids forcibly
If Swallowed	No data available
Most Important Symptoms and Effects	Notes to physician: Treat symptomatically

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Suitable extinguishing media: Water spray jet, dry powder, foam, carbon dioxide
Special Hazards Arising From the Substance/Mixture	Consider dust explosion hazard.
Special PPE and/or Precautions for Firefighters	Precipitate gases/vapors/mists with water spray

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	See section 8.
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Methods and Materials Used for Containment	Environmental protection: Do not allow to enter drains or waterways.
Cleanup Procedures	Collect solids (avoid dust formation) and hand over to waste removal. Clean contaminated areas with little ethanol.
Section 7: Handling and Storage	
Precautions for Safe Handling	Technical measures: processing in closed systems, if possible superposed by inert gas (e.g. nitrogen). Local exhaust ventilation necessary. Take precautionary measures against electrostatic charging. Avoid dust formation; very high dust explosion hazard. Suitable materials: Stainless steel, aluminum, enamel, glass, polyethylene. When plastics are used, possible electrostatic charges must be considered.
Conditions for Safe Storage	Store in a dry place, room temperature. 20 to 25°C, in the unopened original container, see "best use before" date stated on the label. Packaging materials: Tightly closing; material: stainless steel, glass, aluminum, enamel, polyethylene, plywood (lined with polyethylene bag), cardboard (lined with polyethylene bag)

Section 8: Exposure Controls/Personal Protection	
Components with Workplace Control Parameters	Threshold value (hengtai) air: IOEL:10mg/m ³ (defined as 8-hour time-weighted average) Analytics: Sampling on glass fibre filter and gravimetric or chemical determination
Appropriate Engineering Controls	Wear suitable PPE as stated in this section.
PPE - Eye/Face Protection	Safety glasses
PPE - Skin Protection	Protective gloves
PPE - Body Protection	Protective gloves and gown.
PPE - Respiratory Protection	In case of open handling or accidental release: particle mask or respirator with independent air supply.

Section 9: Physical and Chemical Properties	
Appearance	A white or yellow-white Powder
Upper/Lower Flammability or Explosive Limits	No data available
Odor	Almost odorless
Vapor Pressure	No data available
Odor Threshold	No data available
Vapor Density	No data available
pH	No data available
Relative Density	Bulk density About 0.24g/cm ³
Melting Point/Freezing Point	107~117°C
Solubility	Insoluble in water, soluble in vegetable oils and ethanol.
Initial Boiling Point and Boiling Range	No data available
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	
Reactivity	No data available
Chemical Stability	No data available
Possibility of Hazardous Reactions	No data available
Conditions to Avoid	Light, heat, humidity
Incompatible Materials	oxidizing agents
Hazardous Decomposition Products	No data available

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	LD50: 20,000mg/kg (oral, mouse) LD50: 10,000mg/kg (oral, rat) Note: Oral uptake of up to 9g per day does not produce any serious toxic effects, however, even lesser quantities may cause diarrhea. ADI (Acceptable Daily Intake) 60mg/kg. GRAS (generally recognized as safe for human consumption)
Acute Toxicity - Inhalation	No data available
Acute Toxicity - Dermal	Dust may irritate skin
Acute Toxicity - Eye	Dust may irritate eyes
Skin Corrosion/Irritation	May be slightly sensitizing (guinea pig)
Serious Eye Damage/Irritation	Dust may irritate eyes
Respiratory or Skin Sensitization	May be slightly sensitizing (guinea pig)
Germ Cell Mutagenicity	No suspicion of human mutagenicity
Carcinogenicity IARC	Not carcinogenic (several species)
Carcinogenicity ACGIH	Not carcinogenic (several species)
Carcinogenicity NTP	Not carcinogenic (several species)
Carcinogenicity OSHA	Not carcinogenic (several species)
Reproductive Toxicity	Not teratogenic, not embryotoxic
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	Moderately toxic for fish (Suspension) (rainbow trout) LC50 (96h) 51mg/l LC100 (96h) 100mg/l LC0 (96h) 25mg/l
Persistence and Degradability	Inherently biodegradable (48%, 28 days)
Bio-accumulative Potential	No data available
Mobility in Soil	No data available
Other Adverse Effects	Air pollution. Observe local/national regulations

Section 13: Disposal Considerations

Waste Treatment Methods Product	Waste from residues: Incinerate in qualified installation with flue gas scrubbing. Observe all local and national regulations regarding waste disposal
Waste Treatment Methods Packaging	Waste from residues: Incinerate in qualified installation with flue gas scrubbing. Observe all local and national regulations regarding waste disposal
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	No data available

Section 15: Regulatory Information

EU classification and labelling R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. S61: Avoid release to the environment. Refer to special instructions/Safety data sheets. Emission limit (Switzerland): 50mg/m³ at mass-flux \geq 0.5kg/h (organic, particulate; Own classification) Water hazard class (Germany): weakly hazardous for water (own classification according to directive vwwvs of 17.05.1999)

Section 16: Other Information

Additional Information	N/A
Prepared By	Scarlotte Smith
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