

Section 1: Identification

Common Name/Trade Name	VITAMIN E ACETATE	
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)	all-rac alpha tocopheryl acetate	
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	When finely distributed, self-ignition is possible. Soiled textiles/cleaning rags/adsorbents and Silica are capable of self-ignition and should be wetted with water and must be disposed of in a safe manner. High risk of slipping due to leakage/spillage of product.
Ingredient(s) with Unknown Toxicity	No data available

Section 3: Composition/Information on Ingredients

Chemical Name	all-rac alpha tocopheryl acetate
Common Name	Vitamin E acetate
CAS Number	7695-91-2
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	Remove contaminated clothing.
If Inhaled	Keep patient calm, remove to fresh air.
In Case of Skin Contact	Wash thoroughly with soap and water
In Case of Eye Contact	Wash affected eyes for at least 15 minutes under running water with eyelids held open.
If Swallowed	Rinse mouth and then drink 200-300 ml of water.
Most Important Symptoms and Effects	Symptoms: No data available. Hazards: No applicable information available. Treatment: Symptomatic treatment (decontamination, vital functions).

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Suitable extinguishing media: water spray, carbon dioxide, dry powder, alcohol-resistant foam. Unsuitable extinguishing media for safety reasons: water jet
Special Hazards Arising From the Substance/Mixture	Hazards during firefighting: harmful vapors, carbon oxides Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.
Special PPE and/or Precautions for Firefighters	Protective equipment for firefighting: Firefighters should be equipped with self-contained breathing apparatus and turn-out gear. Further information: Dispose of fire debris and contaminated extinguishing water in accordance with official regulations. Cool endangered containers with water spray.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Use personal protective clothing. Information regarding personal protective measures, see section 8.
Methods and Materials Used for Containment	Do not discharge into drains/surface waters/groundwater.
Cleanup Procedures	For small amounts: Contain with absorbent material (e.g. sand, silica gel, acid binder, general purpose binder, sawdust). For large amounts: Dike spillage. Pump off product. Mop up spills with non-flammable adsorbents (e.g. vermiculite, spill mats). Soiled textiles/cleaning rags/adsorbents and Silica are capable of self-ignition and should be wetted with water and must be disposed of in a safe manner. Dispose of absorbed material in accordance with regulations. Further accidental release measures: High risk of slipping due to leakage/spillage of product.

Section 7: Handling and Storage

Precautions for Safe Handling	No special measures necessary provided product is used correctly. Protection against fire and explosion: No explosion proofing necessary. Take precautionary measures against static discharges. Avoid all sources of ignition: heat, sparks, open flame. Soiled textiles/cleaning rags/adsorbents and Silica are capable of self-ignition and should be wetted with water and must be disposed of in a safe manner.
Conditions for Safe Storage	No applicable information available. Suitable materials for containers: Stove-lacquer O 360, High-density polyethylene (HDPE), Stove-lacquer R 78433. Further information on storage conditions: Containers should be stored tightly sealed in a dry place. Protect against heat.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	No substance-specific occupational exposure limits known.
Appropriate Engineering Controls	Provide local exhaust ventilation to control vapors/mists. Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing is recommended. Wash soiled clothing immediately.
PPE - Eye/Face Protection	Tightly fitting safety goggles (chemical goggles).
PPE - Skin Protection	Wear chemical-resistant protective gloves.
PPE - Body Protection	Body protection must be chosen based on level of activity and exposure.
PPE - Respiratory Protection	Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator.

Section 9: Physical and Chemical Properties

Appearance	colorless to amber oil
Upper/Lower Flammability or Explosive Limits	hardly combustible
Odor	almost odorless
Vapor Pressure	< 0.000001 hPa (25°C)
Odor Threshold	Not determined
Vapor Density	No data available
pH	Not applicable
Relative Density	0.98 g/cm ³ (20°C)
Melting Point/Freezing Point	< -20°C
Solubility	Water solubility: < 0.8 mg/l (20°C) sparingly soluble.
Initial Boiling Point and Boiling Range	> 300°C
Flash Point	257°C
Evaporation Rate	Value can be approximated from Henry's Law Constant or vapor pressure.
Flammability (Solid, Gas)	hardly combustible
Partition Coefficient	12.25 (25°C)
Auto-Ignition Temperature	Risk of self-ignition when a large surface area is produced due to fine dispersion.
Decomposition Temperature	Thermal decomposition: 430°C (DSC (DIN 51007))
Viscosity	Viscosity, kinematic: 5,706 mm ² /s (20°C) (OECD 114) 701 mm ² /s (40°C)

Section 10: Stability and Reactivity

Reactivity	No hazardous reactions if stored and handled as prescribed/indicated. Corrosion to metals: No corrosive effect on metal. Oxidizing properties: Based on its structural properties the product is not classified as oxidizing.
Chemical Stability	The product is stable if stored and handled as prescribed/indicated.
Possibility of Hazardous Reactions	When finely distributed, self-ignition is possible.
Conditions to Avoid	Avoid direct sunlight. Avoid heat.
Incompatible Materials	strong alkalies, strong oxidizing agents
Hazardous Decomposition Products	Decomposition products: Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated. Thermal decomposition: 430 C (DSC (DIN 51007))

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	Assessment of acute toxicity: Virtually nontoxic after a single ingestion. Virtually nontoxic after a single skin contact. Oral Type of value: LD50 Species: rat (male/female) Value: > 10,000 mg/kg
Acute Toxicity - Inhalation	No applicable information available.
Acute Toxicity - Dermal	Type of value: LD50 Species: rat Value: > 3,000 mg/kg (similar to OECD guideline 402)
Acute Toxicity - Eye	Not irritating to the eyes. Species: rabbit Result: non-irritant Method: OECD Guideline 405
Skin Corrosion/Irritation	Non-irritant. Species: rabbit Result: non-irritant Method: OECD Guideline 404
Serious Eye Damage/Irritation	Not irritating to the eyes.
Respiratory or Skin Sensitization	Assessment of irritating effects: Not irritating to the skin. Assessment of sensitization: Skin-sensitizing effects were not observed in animal studies. photo-allergy test Species: guinea pig Result: Non-sensitizing.
Germ Cell Mutagenicity	Assessment of mutagenicity: No mutagenic effect was found in various tests with bacteria and mammals.
Carcinogenicity IARC	No data available
Carcinogenicity ACGIH	No data available
Carcinogenicity NTP	No data available
Carcinogenicity OSHA	No data available
Reproductive Toxicity	Assessment of reproduction toxicity: The results of animal studies gave no indication of a fertility-impairing effect.
Specific Target Organ Toxicity - Single Exposure	Assessment of STOT single: Based on available Data, the classification criteria are not met.
Specific Target Organ Toxicity - Repeated Exposure	Assessment of repeated dose toxicity: Repeated oral uptake of the substance did not cause substance-related effects.
Aspiration Hazard	No aspiration hazard expected.

Section 12: Ecological Information

Toxicity	Aquatic toxicity Assessment of aquatic toxicity: There is a high probability that the product is not acutely harmful to aquatic organisms. No toxic effects occur within the range of solubility. The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations. Toxicity to fish LC50 (96 h) > 11 mg/l, Oncorhynchus mykiss (OECD Guideline 203, static) The statement of the toxic effect relates to the analytically determined concentration. No toxic effects occur within the range of solubility. Aquatic invertebrates EC50 (48 h) > 20.6 mg/l, Daphnia magna (OECD Guideline 202, part 1, static) The statement of the toxic effect relates to the analytically determined concentration. No toxic effects occur within the range of solubility. Aquatic plants EC50 (72 h) > 27.8 mg/l (growth rate), Pseudokirchneriella subcapitata (OECD Guideline 201, static) The statement of the toxic effect relates to the analytically determined concentration. No toxic effects occur within the range of solubility. Chronic toxicity to fish No observed effect concentration (28 d) > 100 mg/l, Oncorhynchus mykiss (OECD Guideline 215, semistatic) Chronic toxicity to aquatic invertebrates Study scientifically not justified. Toxicity to microorganisms DIN EN ISO 8192 aquatic activated sludge, domestic/EC20 (30 min): > 927 mg/l. The details of the toxic effect relate to the nominal concentration.
Persistence and Degradability	Assessment biodegradation and elimination (H ₂ O) Moderately/partially biodegradable. Not readily biodegradable (by OECD criteria). The product is virtually insoluble in water and can thus be separated from water mechanically in suitable effluent treatment plants. Elimination information 30 - 40 % BOD of the ThOD (28 d) (OECD 301F; ISO 9408; 92/69/EEC, C.4- D) (aerobic, activated sludge, domestic) Assessment of stability in water In contact with water the substance will hydrolyse slowly. Information on Stability in Water (Hydrolysis) t _{1/2} 326 d (25°C, pH value 7), (calculated, pH 7)
Bio-accumulative Potential	Accumulation in organisms is not to be expected.
Mobility in Soil	The substance will slowly evaporate into the atmosphere from the water surface. Adsorption to solid soil phase is expected.
Other Adverse Effects	No data available

Section 13: Disposal Considerations

Waste Treatment Methods Product	Do not discharge substance/product into sewer system. Dispose of in accordance with national, state and local regulations.
Waste Treatment Methods Packaging	Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.
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

Federal Regulations Registration status: Chemical TSCA, US released / listed Cosmetic TSCA, US released / exempt Food TSCA, US released / exempt Feed TSCA, US released / exempt Pharma TSCA, US released / exempt EPCRA 311/312 (Hazard categories): Refer to SDS section 2 for GHS hazard classes applicable for this product. CERCLA RQ CAS Number Chemical name 5000 LBS 67-56-1 Methanol 100 LBS 142-82-5 heptane Safe Drinking Water & Toxic Enforcement Act, CA Prop. 65: WARNING: This product can expose you to chemicals including METHANOL, which is known to the State of California to cause birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov. NFPA Hazard codes: Health: 0 Fire: 1 Reactivity: 0 Special: HMIS III rating Health: 0 Flammability: 1 Physical hazard:0

Section 16: Other Information

Additional Information	N/A
Prepared By	Scarlotte Smith
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