



Dulcette Technologies LLC

MATERIAL SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION

- Product Name : ASCORBYL PALMITATE
- Manufacturer/Supplier : CAMLIN FINE CHEMICALS LIMITED
Plot No. F/ 11 & F/12, WICEL,
MIDC, Marol, Central Road,
Opp. SEEPZ Main Gate,
Andheri (East), Mumbai – 400 093,
INDIA
- MSDS prepared by : CAMLIN FINE CHEMICALS LIMITED
- Chemical Name : 6-Palmitoyl-L. Ascorbic Acid
- Synonyms : 6-Palmitoyl-L. Ascorbic Acid
- CAS Number : [137-66-6]
- Chemical family : Vitamin C
- Therapeutic Category : Antioxidant
- Molecular Formula : C₂₂H₃₈O₇
- Molecular Weight : 414.53

SECTION 2 – INGREDIENT INFORMATION

Principle Components	Percent	Exposure Limits
Ascorbyl Palmitate	Min. 98%	n/f

Dulcette Technologies LLC
2 Hicks Street
Lindenhurst NY 11757
USA

Phone : 631 - 752 - 8700
Fax : 631 - 752 - 8117
E.mail : sales@dulcettetech.com



Dulcette Technologies LLC

SECTION 3 – HEALTH HAZARD INFORMATION

Usual Adult Dose: n/f

Adverse Effects: This material is an essential nutrient and is practically non-toxic. Possible allergic reaction to material if inhaled, ingested or in contact with skin.

Overdose Effects: The ingestion of several grams per day does not cause toxicity, but may cause diarrhea, flushed skin, headache, nausea or vomiting and stomach cramps.

Acute: Possible eye, skin, gastrointestinal and/or respiratory tract irritation.

Chronic: n/f.

Inhalation: May cause irritation. Remove to fresh air.

Eye: May cause irritation. Flush with copious quantities of water.

Skin: May cause irritation. Flush with copious quantities of water.

Ingestion: May cause irritation. Flush out mouth with water.

Medical Conditions

Aggravated by Exposure: Hypersensitivity to material.

Cross Sensitivity: n/f

Pregnancy Comments: n/f

SECTION 4 – FIRST AID MEASURES

General: Remove from exposure. Remove contaminated clothing. Persons developing serious hypersensitivity (anaphylactic) reactions must receive immediate medical attention. If person is not breathing give artificial respiration. If breathing is difficult give oxygen. Obtain medical attention.

Overdose: Treatment: n/f

SECTION 5 – TOXICOLOGICAL INFORMATION

Ascorbyl Palmitate

Acute Oral, Single dose, Rat: >10000 mg/kg

Summary: Acute oral LD50 (rat) is greater than 10,000 mg/kg body weight which classifies this material as practically non-toxic orally under the study conditions utilized.

Dulcette Technologies LLC
2 Hicks Street
Lindenhurst NY 11757
USA

Phone : 631 - 752 - 8700
Fax : 631 - 752 - 8117
E.mail : sales@dulcettetech.com



SECTION 6 – FIREFIGHTING MEASURES

Flash Point: 93.3°C (200°F)

Extinguisher Media: Water spray, dry chemical, carbon dioxide or foam as appropriate for surrounding fire and materials.

Explosion Hazards: Dust explosion hazard.

Fire-fighting Procedures: As with all fires, evacuate personnel to a safe area. Firefighters should use self-contained breathing equipment and protective clothing.

SECTION 7 – PHYSICAL HAZARDS

Conditions to Avoid: Avoid exposure to light. Air and moisture can cause material to discolour.

Incompatibilities: The dry powder is chemically stable, but aqueous solutions of Ascorbic Acid deteriorate rapidly in air. Oxidation is accelerated by alkalis, iron and copper.

Decomposition Products: When heated to decomposition material emits acrid smoke and irritating fumes. Emits toxic fumes under fire conditions.

Stable: Yes

Hazardous Polymerization: No

SECTION 8 – HANDLING / SPILL / DISPOSAL MEASURES

Handling: As a general rule, when handling avoid all contact and inhalation of dust, mists, and/or vapors associated with the material. Wash thoroughly after handling.

Storage: Store in tight, light-resistant container as defined in the USP-NF. This material should be handled and stored per label instructions to ensure product integrity.

Spill Response: Wear approved respiratory protection, chemically compatible gloves and protective clothing. Wipe up spillage or collect spillage using a high efficiency vacuum cleaner. Avoid breathing dust. Place spillage in appropriately labelled container for disposal. Wash spill site.

Disposal: Dispose of waste in accordance with all applicable Federal, State and local laws.



SECTION 9 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection: When working with small quantities in a well-ventilated area, respiratory protection may not be required. The use of an approved dust mask is recommended.

Ventilation: No special ventilation requirements.

Gloves: Plastic or Rubber gloves.

Eye Protection: Safety glasses, safety goggles recommended.

Protective Clothing: Protect exposed skin.

SECTION 10 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor : White or yellow white; odorless or almost odorless.

Melting Point : 107-117° C

Solubility in Water: Insoluble in water

Molecular Weight: 415.0

SECTION 11 – STABILITY AND REACTIVITY

Chemical Stability: Stable under normal temperatures and pressures.

Conditions to avoid: Temperature above 100°C, humidity, light.

Incompatibilities with other materials: Strong oxidizing agents, potassium Bromate, potassium nitrate.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.

Hazardous Polymerisation: Has not been reported.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: Not available.



Dulcette Technologies LLC

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose off in a manner consistent with federal, state and local regulations.
RCRA D-Series Maximum Concentration of Contaminants: None listed.
RCRA D-Series Chronic Toxicity Reference Levels: None listed.
RCRA F-Series : None listed
RCRA P-Series : None listed
RCRA U-Series : None listed
Not listed as a material banned from land disposal according to RCRA.

SECTION 14 – TRANSPORT INFORMATION

US DOT – No information available.
IMO – Not regulated as a hazardous material
IATA – Not regulated as a hazardous material
RID/ADR – Not regulated as a hazardous material
Canadian TDG – No information available.

SECTION 15 – REGULATORY INFORMATION

US FEDERAL
TSCA

CAS# 25013-16-5 is listed on the TSCA inventory.

Health and Safety Reporting List: None of the chemicals are on the Health and Safety Reporting List

Chemical Test Rules: None of the chemicals in this product are under a Chemical Test Rule.

Section 12b: None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule: None of the chemicals in this material have a SNUR under TSCA.

SARA:

Section 302 (RQ): None of the chemicals in this material have an RQ.

Section 302 (TPQ): None of the chemicals in this product have a TPQ.

Section 313: No chemicals are reportable under section 313.

Dulcette Technologies LLC
2 Hicks Street
Lindenhurst NY 11757
USA

Phone : 631 - 752 - 8700
Fax : 631 - 752 - 8117
E.mail : sales@dulcettetech.com



Dulcette Technologies LLC

Clean Air Act:

This material does not contain any hazardous air pollutants.

This material does not contain any Class 1 Ozone depleters.

This material does not contain any Class 2 Ozone depleters

Clean Water Act:

None of the chemicals in this product are listed as Hazardous Substances under the CWA.

None of the chemicals in this product are listed as Priority under the CWA.

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA:

None of the chemicals in this product are listed as highly hazardous by OSHA.

The following statement(s) is(are) made in order to comply with the California Safe Drinking Water Act:

SECTION 16 – OTHER INFORMATION

CAUTION: FOR MANUFACTURING, PROCESSING OR REPACKING BY TRAINED PERSONNEL.

The information contained herein is based on current knowledge and experience; no responsibility is accepted that the information is sufficient or correct in all cases. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers and the protection of the environment.

Dulcette Technologies LLC
2 Hicks Street
Lindenhurst NY 11757
USA

Phone : 631 - 752 - 8700
Fax : 631 - 752 - 8117
E.mail : sales@dulcettetech.com