

### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b>	L-Ascorbyl Palmitate	<b>Supplier:</b>	ASES CHEMICAL WORKS.
<b>Synonyms:</b>	Ascorbic acid 6-palmitate/6-O-Palmitoyl-L-ascorbic acid	<b>Address:</b>	Brahm Bagh, Jalori Gate Jodhpur - 342001 Rajasthan-India
<b>INCI Name:</b>	L-Ascorbyl Palmitate	<b>Phone:</b>	+91-9636889954
<b>CAS Number:</b>	137-66-6	<b>Web:</b>	www.ases.in
<b>Formula:</b>	C <sub>22</sub> H <sub>38</sub> O <sub>7</sub>	<b>Email :</b>	ecom@ases.in
<b>Product Form:</b>	Solid (Powder)		
<b>Product Use:</b>	Cosmetic use		

### 2 HAZARDS IDENTIFICATION

<b>GHS Classification</b>	Not classified
<b>GHS Labeling:</b>	Not classified
<b>Other Hazard Pictograms:</b>	None.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No	EC No	Molar mass	Concentration
L-Ascorbyl Palmitate	137-66-6	205-305-4	414.53 g/mol	100%

### 4 FIRST AID MEASURES

<b>Eye contact</b>	Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention.
<b>Skin contact</b>	Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.
<b>Inhalation</b>	If inhaled, removed to fresh air. Get medical attention if symptoms appear.
<b>Ingestion</b>	Seek medical attention or contact local poison control centre.

### 5 FIRE-FIGHTING MEASURES

<b>Suitable extinguishing media</b>	May be combustible at high temperature. Auto-ignition temperature 660°C. Use media (foam, carbon dioxide, dry chemical) for adjacent fire.
<b>Unsuitable extinguishing media</b>	Water spray, Water Jet.
<b>Hazards arising from the substance</b>	Carbon oxides, Nitrogen oxides (NO <sub>x</sub> ).
<b>Advice for firefighters</b>	Wear self-contained breathing apparatus for firefighting if necessary.

### 6 ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions :</b>	Avoid dust formation. Avoid breathing vapours, mist or gas.
<b>Environmental Precautions:</b>	Not available
<b>Clean up procedure :</b>	Sweep up and shovel. Keep in suitable, closed containers for disposal.

### 7 HANDLING & STORAGE

<b>Handling:</b>	Handle in accordance with good industrial hygiene and safety practices.
<b>Storage:</b>	Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

### 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Eyes:</b>	Use equipment for eye protection tested and approved under appropriate government standards.
<b>Body:</b>	Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.,.
<b>Respiratory:</b>	Respiratory protection necessary at: Dust formation.
<b>Ingestion:</b>	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product.

# MATERIAL SAFETY DATA SHEET

## L-ASCORBYL PALMITATE

### 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White to yellowish	Vapor Pressure:	No data available
Physical State:	Solid powder	Saponification Value:	No data available
Odor:	Almost odorless	Bulk Density:	0.24 g/cm <sup>3</sup>
Odor Threshold:	No data available	Flammability.:	No data available
pH:	No data available	Auto-Ignition Temperature:	660°C
Melting Point:	107-117°C (225-243°F)	Peroxide value:	No data available
Flash Point:	No data available	Water Solubility:	Insoluble in water. Soluble in oil
Specific Gravity:	No data available		

### 10 STABILITY AND REACTIVITY

Reactivity:	Product is stable.
Chemical Stability:	Product is stable.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	Avoid strong oxidizers.
Incompatible Materials:	No known.
Hazardous Decomposition Products:	No known.

### 11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	LD50: 25000 mg/kg [Mouse]. Acute dermal toxicity (LD50): >3000 mg/kg [Guinea pig]
Skin:	Slightly hazardous in case of skin contact
Eyes:	Slightly hazardous in case of eye contact
Respiratory:	Slightly hazardous in case of inhalation
Ingestion:	Slightly hazardous in case of ingestion
Carcinogenicity:	Not available
Teratogenicity:	Not available
Germ Cell Mutagenicity:	Not available
Embryotoxicity:	Not available
Specific Target Organ	
Toxicity:	Not available
Reproductive Toxicity:	Not available
Special Remarks:	Acute Potential Health Effects: Skin: May cause skin irritation. Eyes: May cause eye irritation. Inhalation: May cause respiratory tract irritation. Ingestion: May cause gastrointestinal (digestive) tract irritation. May affect metabolism and urinary system. Chronic Potential Health Effects: no information found.

### 12 ECOLOGICAL INFORMATION

Ecotoxicity:	Not available
Persistence and degradability:	Not available
Bioaccumulative potential:	Not available.
Mobility in soil:	Not available
Other adverse effects:	Not available

### 13 DISPOSAL CONSIDERATIONS

Waste Residues:	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.
Product Containers:	Users should review their operations in terms of the applicable federal/national or local regulations.

# MATERIAL SAFETY DATA SHEET

## L-ASCORBYL PALMITATE

### 14 TRANSPORT INFORMATION

US DOT Shipping Description (Land):	Not regulated.
IMO-IMDG Shipping Description (Sea):	Not regulated.
IATA Shipping Description (Air):	Not regulated.

### 15 REGULATORY INFORMATION

TSCA Inventory Status:	No data available
DSCL (EEC):	This product is not classified according to the EU regulations. Not applicable.
Chemical safety assessment	For this product a chemical safety assessment was not carried out.

### 16 OTHER INFORMATION

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and ASES CHEMICAL WORKS assume no liability resulting from its use.