

MATERIAL SAFETY - Retinyl Palmitate

1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY INFORMATION

Product Name: Retinyl Palmitate
Supplier: Chanjao Longevity Co., Ltd. 50 Ramindra 14, Bangkok 10230 Thailand
Emergency Phone No.: +662-002-7-002
Fax No.: +662-001-7-022

2. COMPOSITION / INFORMATION ON INGREDIENTS

Oral LD50: Acute: 5000mg/kg (mouse)

Chemical Name	CAS#	Composition (%)
Retinyl Palmitate	79-81-2	100%

Hazard Symbols: Not listed
Risk Phrases: Not listed

3. HAZARD IDENTIFICATION

The toxicological properties of this material have been investigated.

Potential Health Effects

Eye: Irritation can develop.
Skin: Irritation can develop.
Ingestion: Slightly hazardous at regular amount.
Inhalation: Hazardous.
Chronic: Hazardous.

4. FIRST AID MEASURES

Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.
Skin Contact: Flush skin with plenty of soap and water – get medical attention if irritation occurs.
Inhalation: Remove to fresh air. Get medical attention if breathing is difficult.
Ingestion: Do not induce vomit unless directed by medical personnel.
Notes to Physician: None

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5. FIRE FIGHTING MEASURES

General Information:

Material is not flammable. Flash point is higher than 350F.

Extinguishing Media:

Dry Chemical, Carbon Dioxide, Foam.

6. ACCIDENTAL RELEASE MEASURES

General Information:

Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:

Absorb onto an inert, absorbent substrate and sweep up. Wash area with soap and water.

7. HANDLING AND STORAGE

Handling:

Keep away from oxidizing agents, excessive heat and sources of ignition.

Storage:

Store in a cool (6-8C) under a sealed container. Protect from moisture.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal Protection:

Eyes: Safety glasses must be worn.

Skin: Lab coats and gloves must be worn.

Clothing: General lab coats.

Respirators: Not needed under normal conditions of use.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Oily liquid
Color:	Amber yellow
Odor:	Characteristic
Melting Point:	>83F.
Solubility in water:	Not soluble
Molecule Weight:	524.87g/mole
Specific Gravity:	0.92

10. STABILITY AND REACTIVITY

Stability:

Stable under normal temperatures and pressures.

Conditions to Avoid:

Incompatible materials.

Incompatibilities:

Oxidizing agents, excessive heat or light

11. TOXICOLOGICAL INFORMATION

LD50 Oral: 5000mg/kg (Mouse)

Carcinogenicity: Not available.

12. ECOLOGICAL INFORMATION

No data available.

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13. DISPOSAL CONSIDERATION

Waste from Residue/Unused Products:

Dispose of in a manner consistent with federal, state, and local regulations.

This compound is NOT on the EPA Toxic Substances Control Act (TSCA) inventory list.

14. TRANSPORT REGULATIONS

IATA No information available.
IMO No information available.
RID/ADR No information available.

15. REGULATORY INFORMATION

This material is intended to be used as a cosmetic ingredient.

Hazard Symbol(s): Not available.

Risk Phrase(s): Not available.

16. OTHER INFORMATION

The information provided in this material safety data sheet is correct to the best of our knowledge. No warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Chanjao Longevity assumed no responsibility for any personal injury or property damage caused by the materials. Users assume all risks associated with the use of the materials.
