

Material Safety Data Sheet



Vitamin A Palmitate Powder 0.25MIU/g CWS

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Product name : Vitamin A Palmitate Powder 0.25MIU/g CWS

1.2 Details of the supplier of the safety data sheet

Company : Zhejiang Tianhecheng Biotechnology Shares Co., Ltd.
No.111, Leyuan Road, Shimen Town, Tongxiang City, Zhejiang, China

Telephone : +86-573-88797198

Fax : +86-573-88797298

E-mail address : sales@tianhecheng.net

Website: www.thcbio.com

Emergency Phone # : +86-573-88797198

SECTION 2: Composition, Information on Ingredients

CAS Number	Name
79-81-2	Vitamin A Palmitate
66829-29-6	Starch sodium octenyl succinate
9000-1-5	Arabic gum
10191-41-0	Vitamin E (DL- α -tocopherol)
134-03-2	Sodium ascorbate
7631-86-9	Silicon dioxide
9050-36-6	Maltodextrin
8001-21-6	Vegetable oil

SECTION 3: Hazards identification

EMERGENCY OVERVIEW

Risk of explosion if heated under confinement.

HMIS RATING

HEALTH: 0

FLAMMABILITY: 0

REACTIVITY: 1

NFPA RATING

HEALTH: 0

FLAMMABILITY: 0

REACTIVITY: 1

For additional information on toxicity, please refer to Section 11.

SECTION 4: First aid measures

ORAL EXPOSURE

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

INHALATION EXPOSURE

Material Safety Data Sheet



Vitamin A Palmitate Powder 0.25MIU/g CWS

If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

DERMAL EXPOSURE

In case of contact, immediately wash skin with soap and copious amounts of water.

EYE EXPOSURE

In case of contact with eyes, flush with copious amounts of water for at least 10 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

SECTION 5: Firefighting measures

EXPLOSION DATA

Dust Potential: This material, like most materials in powder form, is capable of creating a dust explosion.

EXTINGUISHING MEDIA

Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

FIREFIGHTING

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Specific Hazard(s): Emits toxic fumes under fire conditions.

SECTION 6: Accidental release measures

PROCEDURE (S) OF PERSONAL PRECAUTION (S)

Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

METHODS FOR CLEANING UP

Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

SECTION 7: Handling and storage

HANDLING

User Exposure: Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. Open carefully.

STORAGE

Suitable: Keep dry and tightly closed and protected from direct sunlight and moisture.

Store at a temperature below 25° C place.

SPECIAL REQUIREMENTS

Once opened, run out as soon as possible. Air and light sensitive.

SECTION 8: Exposure controls/personal protection

ENGINEERING CONTROLS

Safety shower and eye bath. Mechanical exhaust required.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory: Wear dust mask.

Material Safety Data Sheet



Vitamin A Palmitate Powder 0.25MIU/g CWS

Hand: Protective gloves.

Eye: Chemical safety goggles.

GENERAL HYGIENE MEASURES

Wash thoroughly after handling.

SECTION 9: Physical and chemical properties

Appearance and odor:

Free-flowing yellowish powder with faint characteristic odor

Physical properties:

Loss on drying: $\leq 5\%$

Solubility: May dispersed in cool water forming a emulsion.

SECTION 10: Stability and reactivity

Chemical Stability: Stable under normal temperatures and pressures.

Conditions to Avoid: Incompatible materials, light, dust generation, exposure to air, acids, excess heat, strong oxidants.

Incompatibilities with Other Materials: Air, oxidizing agents, acids.

Hazardous Decomposition Products: Carbon monoxide, irritating and toxic fumes and gases, carbon dioxide.

Hazardous Polymerization: Has not been reported.

SECTION 11: Toxicological information

Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

Epidemiology: No information found.

Teratogenicity: No information found.

Reproductive Effects: No information found.

Neurotoxicity: No information found.

Mutagenicity: No information found.

Other Studies: See actual entry in RTECS for complete information.

SECTION 12: Ecological information

No data available.

SECTION 13: Disposal considerations

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed.

RCRA U-Series: None listed.

Material Safety Data Sheet



Vitamin A Palmitate Powder 0.25MIU/g CWS

SECTION 14: Transport information

No data available.

SECTION 15: Regulatory information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available

15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

SECTION 16: Other information

This safety data sheet should be used in conjunction with technical sheets. It does not replace them. The information given is based on our knowledge of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it was intended. This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precautions required in handling the product. The aim of the mandatory regulations mentioned is to help the user to fulfill his obligations regarding the use of hazardous products. This information is not exhaustive. This does not exonerate the user from ensuring that legal obligations, other than those mentioned, relating to the use and storage of the product, do not exist. This is solely his responsibility.