

MATERIAL SAFETY DATA SHEET

Dry Vitamin A Palmitate 250

*SECTION 1 《Product and Company Identification》

Product name: Vitamin A Palmitate250cws Powder

Synonyms: Retinol Palmitate

Company Identification: Xiamen LN Industrial&Trade Co., Ltd.,

Hexiang Road 23-5

Xiamen 361004

P. R. China

Tel.: +86-592-5858339

Fax: +86-592-5858880

*SECTION 2 《Composition/information on ingredients》

Components :Vitamin A Palmitate, dextrine and sucrose, modified starch

CAS-No.: 79-81-2

Molecular Formula: C₃₆H₆₀O₂

*SECTION 3 《Hazards identification》

Appearance: Light yellow Powder

Most important hazards : no particular hazards known

*SECTION 4 《First-aid Measures》

After inhalation:Exposure to fresh air

After skin contact ; Wash off with water

After eye contact : rinse out with water

After swallowing (large amounts) Get medical aid if not feeling good.

*SECTION 5 《Fire-Fighting Measures 》

General Information:Substance is noncombustible

Suitable extinguishing media : Dry powder, foam, spray water, CO2

Protection of fire-fighters precipitate gases/vapors/mists with water spray

*SECTION 6 《Accidental Release Measures 》

Methods for cleaning: Collect solids (avoid dust formation) and hand
over to waste removal

*SECTION7 《Handling and Storage 》

Handling :Wash thoroughly after handling .Avoid dust formation and accumulation.

Take precautionary measures against electrostatic charging

Use with adequate ventilation

Storage :Store in a cool ,dry place. Keep container tightly closed

•SECTION 8 《Personal Protection》

Respiratory protection: Respiratory protection not necessary during normal operations
For emergencies, or instances where the exposure levels are not known, use an air-supplied respirator.

Hand protection: Protective gloves

Eye protection: Safety glasses

•SECTION 9 《Physical and Chemical Properties》

Appearance: Light yellow Powder

Odor: little

Bulk Density ~0.6g/cm

Solubility: Soluble in warm water (40°C)

•SECTION 10 《Stability and Reactivity》

Stability stable under the conditions mentioned in section 7

Conditions to avoid: Air, warming, light, humidity.

Materials to avoid: Atmospheric oxygen, oxidizing agents, strong acids, strong bases, reducing agents, metal salts, compounds rich in oxygen

Note: auto-oxidation in the presence of atmospheric oxygen.

•SECTION 11 《Toxicological Information》

Acute toxicity: LD50 > 6,000 mg/kg (oral, rat)

LD50 > 4,000 mg/kg (oral, mouse)

Mutagenicity : not mutagenic (various in vivo and in vitro test systems)

Carcinogenicity : not carcinogenic (several species)

Reproduction toxicity: not teratogenic, not embryotoxic (several species) *1

Note : no toxic effects have been observed during occupational handling

•SECTION 12 《Ecological Information》

Environmental Fate: No information found.

Environmental Toxicity: No information found.

•SECTION 13 《Disposal Considerations》

Waste from residues: observe local/national regulations regarding waste disposal
incinerate in qualified installation with flue gas scrubbing

•SECTION 14 《Transport Information》

Note: not subject to transport regulations

•SECTION 15 《Regulatory Information》

Note : no labeling necessary for dangerous goods