

Material Safety Data Sheet

1. Substance /preparation and company identification

Product name:	Vitamin A Acetate Powder
Use:	Used as a nutrient
Manufacturer:	XI'AN AOGU BIOTECHCO.,LTD
Manufacturer's Address:	Room 1703, Block B, Baode Yungu International, 52 Jinye 1st Road, Xi 'an Hi-Tech Zone, Shaanxi Province 710075
Emergency phone number:	Tel.: 0086-18091843361

2. Hazards identification

No particular hazards known

3. Composition/information on ingredients

Chemical Name:	CAS:
Vitamin A Acetate	127-47-9
Arabic Gum	9000-01-5
Sucrose	57-50-1
Starch	9005-25-8
DL-alpha-Tocopherol	10191-41-0

4. Fire-aid measures

Inhalation:	Remove from exposure site to fresh air and seek medical intention.
Skin contact:	Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water.
Eye contact:	Wash affected eyes for at least 15 minutes under running water with eyelids held open.
Ingestion:	Rinse mouth and then drink plenty of water.

5. Fire-fighting measures

Suitable extinguishing media: Water spay, carbon dioxide, foam, dry extinguishing media.

Special hazards: No particular hazards known.

Special protective equipment: Wear a self-contained breathing apparatus.

6. Accidental release measures

Personal precautions: No special precautions necessary

Environment precautions: Do not discharge into drains/surface water/groundwater.

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

7. Handling and storage

Handling: Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.

Storage: Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light.

8. Exposure controls and personal protection

Respiratory protection: Avoid breathing product vapor. Apply local ventilation where possible.

Hand protection: Avoid all skin contact and use chemically resistant gloves if required.

Eye protection: Use safety glasses

Body protection: Body protection must be chosen based on level of activity and exposure.

9. Physical and chemical properties

Appearance: Pale yellow to bright-yellow beadlets, with white spots of food starch.

Color: Pale yellow to bright-yellow

Odor: None to faint

Bulk Density: ~0.6 g/cm³

Water solubility: Soluble in water (20°C)

10. Stability and reactivity

Conditions to avoid:	Heat and light
Material to avoid:	Alkali, strong acids, metal salts, oxidizing agents.
Hazard reaction:	No hazardous reaction if handled and stored as indicated.
Hazardous decomposition products:	No hazardous decomposition products if handled and stored as indicated.

11. Toxicological information

Acute toxicity:	LD50 > 4,100mg/kg (oral, mouse)	*1
Skin irritation:	Non-irritant	*1
Eye irritation:	Non-irritant	*1
Sensitisation:	Non-Sensitizing	*1
Carcinogenicity:	Not carcinogenic	*1
Mutagenicity:	Not mutagenic	*1
Reproduction toxicity:	Not teratogenic	*1

12. Ecological information

Ecotoxicity:	Quantitative data on the ecologic effect of this product are not available.
Persistence and degradability:	Inherently biodegradable.
Precautions:	Prevent surface contamination of soil, ground & surface water.

13. Disposal considerations

Observe national and local legal requirements.

14. Transport information

Not classified as hazardous under transport regulations.

15. Regulation Information

The product does not require a hazard warning label in accordance with local regulations.

16. Other information

The information contained in this material safety data sheet is based on our current knowledge and experience and describe the product only with regard to safety requirements. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.