



深讯科检测  
SHENXUNKE TESTING

# Material Safety Data Sheet (MSDS)

Report No.: XKS2021R06180430E

Applicant: Huizhou Comvikin Biological Technology Co., Ltd.  
Address: East Comvikin Factory, Yuhe Road, Sanhe Economic Development Zone,  
Huiyang District, Huizhou City  
Sample name: Ascorbyl Palmitate  
Sample model: /  
Sample received date: 2021.06.18  
Testing period: 2021.06.18~2021.06.23  
Testing base: According to customer requirements, edit the chemical safety data sheet  
(MSDS) of the submitted samples.  
Test results: See the following report for details

Tester: Jerry.Li Verifier: Huigang.Cai Inspector: Shuimei.Cao

Engineer: Jerry.Li Engineer: Huigang.Cai Director: Shuimei.Cao

Shenzhen Xunke Standards Technical Services Co., LTD

Issue Date: 2021.06.23

\*The results relate only to the items tested, This report is considered invalidated without the special seal for  
quality inspection, Report to alter is invalid, Copy report section is invalid. Please contact with us within 15 days  
after you received the report if you have any questions with it.

Shenzhen Xunke Standards Technical Services Co., LTD

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# Material Safety Data Sheet (MSDS)

Report No.: XKS2021R06180430E

Page 1 of 4

## Material Safety Data Sheet

### Section 1 - Preparation name and manufacturer information

**Name of preparation:** Ascorbyl Palmitate

**Manufacture:** Huizhou Comvikin Biological Technology Co., Ltd.

**Address:** East Comvikin Factory, Yuhe Road, Sanhe Economic Development Zone, Huiyang District, Huizhou City

**Emergency Telephone:** 13622997609

**Fax:** /

**Email:** /

### Section 2 - Hazards Identification

**GHS hazard category :** None

**Pictograms :** None

**Warning :** None

**Invasion route:** Skin contact、eye contact、inhalation、ingestion.

**Health hazards:** Hazardous in case of eye contact (irritant), of inhalation. Slightly hazardous incase of skin contact (irritant), of ingestion.

**Environmental hazards:** None

**Explosion hazard:** None

### Section 3 - Ingredients/composition information

Pure ☐ Admixture ☒

**Composition:**

Chemical Name	Ingredient(%)	CAS No.
Ascorbyl palmitate	98-102	137-66-6

### Section 4 - First Aid Measures

**Skin contact:** Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops

**Eye contact:** Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. WARM water MUST be used. Get medical attention.

**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Ingestion:** Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

### Section 5 - Fire Fighting Measures

**Hazardous characteristics:** May be combustible at high temperature.

**Hazardous combustion products:** These products are carbon oxides (CO, CO<sub>2</sub>).

**Precautions and measures for fire fighting:** DRY chemical powder, water spray, foam, Do not use water jet.

**Explosion hazard:** None.





# Material Safety Data Sheet (MSDS)

Report No.: XKS2021R06180430E

Page 2 of 4

## Section 6 - Leak emergency treatment

**Leak handling:** Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements  
Large Spill: Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

## Section 7 - Precautions and storage

**Precautions:** Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe dust. Avoid contact with eyes. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label.

**Precautions for storage:** Keep container tightly closed. Keep container in a cool, well-ventilated area.

## Section 8 - Exposure control and personal protection

**Engineering control:** Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

**Eye protection:** Generally, no special protection is required. Protective glasses can be worn when exposed to high concentrations.

**Hand protection:** Generally, no special protection is required. Rubber and oil-resistant gloves can be worn when the concentration is high.

**Body protection:** Generally, no special protection is needed. When the concentration is high, you can wear impermeable overalls.

**Other protection:** Smoking, eating and drinking are prohibited in the workplace! After work, take a shower and change clothes.

## Section 9 - Physical and Chemical Properties

Physical state and appearance: Solid. (Powdered solid.)

Odor: Citrus-like

Taste: Not available

Molecular Weight: 414.533 g/mole

Color: White to yellowish.

pH (1% soln/water): Not available.

Boiling Point: Not available.

Melting Point: 116°C (240.89F)

Critical Temperature: Not available

Specific Gravity: Not available.

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available

Odor Threshold: Not available.

Water/Oil Dist. Coeff: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available

Solubility: Very slightly soluble in cold water.



# Material Safety Data Sheet (MSDS)

Report No.: XKS2021R06180430E

Page 3 of 4

## Section 10 - Stability and Reactivity

**Stability:** The product is stable.

**Incompatibility:** None

**Conditions to avoid:** Excess heat, incompatible materials

**Polymerization hazard:** No risk of polymerization.

**Decomposition products:** Under normal storage and use conditions, hazardous decomposition products will not be produced.

## Section 11 - Toxicological Information

**Acute toxicity:** Acute oral toxicity (LD<sub>50</sub>): 25,000 mg/kg [ Mouse].

Acute dermal toxicity (LD<sub>50</sub>): >3000 mg/kg [ Guinea pig].

**Irritation:** Hazardous in case of eye contact (irritant), of inhalation. Slightly hazardous in case of skin contact (irritant), of ingestion.

**Mutagenicity:** None

**Biological toxicity:** None

**Carcinogenicity:** None

## Section 12 - Ecological Information

**Ecotoxicological toxicity:** None

**Biodegradability:** Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.

**Non-biodegradability:** None

**Bioaccumulation or bioaccumulation:** None

**Other harmful effects:** None

## Section 13 - Disposal

**Nature of waste:** None

**Waste disposal method:** Dispose according to the requirements of relevant national and local regulations, and contact the manufacturer or manufacturer to determine the disposal method.

**Disposal notes:** None

## Section 14 - Transport Information

**Dangerous Goods Number:** None

**UN Number:** None

**Packaging mark:** None

**Packing category:** None

**Packing method:** None

**Transportation precautions:** None





# Material Safety Data Sheet (MSDS)

Report No.: XKS2021R06180430E

Page 4 of 4

## Section 15 - Regulatory Information

"Regulations on the Safety Management of Chemical Hazardous Materials"

"Detailed Rules for the Implementation of the Regulations on the Safety Management of Chemical Hazardous Materials"

"Regulations on the Safe Use of Chemicals in the Workplace"

"Provisions have been made for the safe use, production, storage, transportation, loading and unloading of chemical dangerous goods"

Federal and State Regulations: TSCA 8(b) inventory: Ascorbyl palmitate

Other Regulations: EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications: WHMIS (Canada): Not controlled under WHMIS (Canada).

DSCL (EEC):

R36-Irritating to eyes.

S2-Keep out of the reach of children.

S46-If swallowed, seek medical advice immediately and show this container or label.

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 1

Reactivity: 0

Personal Protection: C

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 1

Reactivity: 0

Specific hazard:

Protective Equipment:

Gloves (impervious).

Synthetic apron.

Not applicable.

Safety glasses.

## Section 16 - Other information

The information in this chemical safety data sheet is obtained from sources we believe to be reliable. However, we have no express or implied guarantee for the data provided. The handling, storage, use or disposal conditions and methods of this product are beyond our control and may exceed the scope of our knowledge. Under no circumstances will we be liable for losses, damages and related costs caused by improper handling, storage, use or disposal of this chemical. This chemical safety data sheet is fabricated according to this product and can only be applied to this product.

\*\*\*End of MSDS\*\*\*