



AOWEI AGRICULTURAL TECHNOLOGY CO., LTD.

SAFETY DATA SHEET

Revision date 18-Jan-2024

Revision Number 1

1. Identification

Chemical name: Calcium Hydrogen Phosphate Dihydrate

Chemical formula : $\text{CaHPO}_4 \cdot 2\text{H}_2\text{O}$

CAS number: 7789-77-7

Company information: as above

Commercial name: Calcium Hydrogen Phosphate Dihydrate

Industry Field: Pharmaceutical Industry/Food industry/Cosmetic Industry

Details of the supplier of the safety data sheet

supplier

AOWEI AGRICULTURAL TECHNOLOGY CO., LTD.

ADD: NO. 27 , CBD BUSINESS INNER RING ROAD , ZHENGDONG NEW DISTRICT, ZHENGZHOU , CHINA

TEL: 0086-371-63229216

FAX: 0086-371-63229216

Emergency telephone number

Emergency Telephone

For Hazardous Materials or Dangerous Goods Incident

Spill, Leak, Fire Exposure, or

Accident Call CHEMTREC:

0086-371-63229216

2. Component Identification

This product is considered safe and nontoxic, and does not contain any hazardous component.

Ingredient: calcium hydrogen phosphate



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3. Danger Level

Main danger: no danger

Eye contact : excess power may induce discomfort of eye .

4. First Aid Measure

Inhalation: If inhaled ,remove to fresh air.If not breathing, give artificial respiration .

If breathing is difficult, give oxygen. Get medical attention .

Skin Contact: Clean skin with mild soapy water.

Eye contact: Immediately flush with plenty of water and wash the eyelid.

Ingestion: Drink plenty of water.

5. Fire Protection Measure

Flammable level: non flammable

Extinguishing Media: all of the extinguishing media can be used.

Can not use the fire extinguishing media: No

Special contact danger: when heat to high temperature, it can can be decomposed to carbon monoxide and carbon dioxide.

Fire control guidance: wear suitable fire fighting equipment.

Special procedure: None

6. Accidental Release Measures

Technical measures: use good equipment to prevent dust.

Personnel protection:

Equipment cleaner should wear suitable protective measure.

Environment protection:

Prevent from leak, far away from sewer or public water supply.

Overflowing or leakage: Clean the leakage and collect it to the appropriate container, wash residue



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7. Handling and Storage

General principles: Reduce dust production as much as possible.

Protection Measures Guidance: In normal operating condition, it does not need any special protection measure guidance.

Storage: Close the storage container after using. Storage in dry and coll place.

Expire date: 3 years.

Transportation: Abide the standard of industrial hygiene and operation.

8. Contact Control/Personal Protective Measures

Personal protection-respiratory protection: Prevent from excess dust production

Eye protection: Don't need special protection

Industrial Hygiene

Equip with air exhausting device in order to reduce the dust production as much as possible. Operation is based on the industrial hygiene standards and safety operation rule.

9. Physicochemical Property

Physical state: powder

Color: white

Odor: Odorless

Melting temperature(°C): 400°C

Relative density(water= 1): 1.25 (25°C)

Relative steam density (water= 1): 2.306g/cm³.at25°C (lit)

Solubility:Slightly soluble in water, soluble in dilute hydrochloric acid, nitric acid, acetic acid, insoluble in ethanol

Flash point(°C): not available

Explosion rank:not available

The maximum pressure growth rate:not available

The maximum explosion over pressure:not available

The minimum heat of combustion:8100mJ

The minimum temperature of combustion:not available

Dust explosion constant: not available



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10. Stability and Re-activity

Fatalness: Avoid contact strong oxidant

Dangerous products after decomposes: dehydrate

11. Toxicity Data

Toxicity data: no toxicity

Others: Non-carcinogenic

12. Ecological Information

Ecological impact data: Neutral product

Biodegradability: This product is biodegradable.

The danger of bio-accumulation: No

13. Wast Disposal

Waste disposal:wastes are handled in a safe manner and conform to all applicable national and local legal requirements.

Waste disposal procedures: The empty containers for the waste disposal program must be carefully cleaned with plenty of water, and can be reused as any other containers after being completely emptied and completely cleaned.



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14. Transportation Information

UN number

ADR/RID: - IMDG: - IATA-DGR: -

UN proper shipping name

ADR/RID: Not dangerous goods IMDG: Not dangerous goods

IATA-DGR: Not dangerous goods

Transport hazard class(es)

ADR/RID: - IMDG: - IATA-DGR: -

Packaging group

ADR/RID: - IMDG: - IATA-DGR: -

Environmental hazards

ADR/RID: NO IMDG Ocean Pollutant: No IATA-DGR: NO

Special precautions for user

Incompatible materials: No data

Further information: As per transportation regulations, not dangerous goods

15. Applicable Laws and Regulations

According to the provisions of the The classification of material safety/SPphrase(s): No.

European Economic Community Including the European economic community recognized as food additives, number Label /Symbol(s): No. E327.

The classification of hazardous substances/RPhrase(s): No.

16. Other Information

Further information: The specification and technical information of this product can be get from distributors or Sales and Marketing Department of Luoyang Longmen Pharmaceutical co., LTD. The content and format of this product's safety technical specification conform to the EEC Committee directive 2001/58/EC.

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Disclaimer: The content of this product's safety technical specification has been taken from other sources we consider to be reliable. However, the information provided by the company does not provide any warranty, representation and implied. For the operation, storage, use and disposal of this product, the methods and the environment in which the product has been used are beyond the scope of the company's cognition. Based on this reason and other not listed reasons, the company accepts no responsibility for any loss, damages and rising costs caused by operation, storage, use and disposal of this product. This safety technical specification is prepared for this product, and can be only used for this product. When this product is used as a component of another products, it is not applicable to this safety technical specification.

End of Safety Data Sheet