



GUIZHOU Lvyin Biotech Co., Ltd

Add: No.5 Jinjiang Road, Xiaohe, Guiyang, Guizhou, China
Tel: 0086 851-3799686 / 3936248
Website: www.lvyinbio.com

Fax: 0086 851- 3799687
Email: info@lvyinbio.com

Material Safety Data Sheet

Mono Potassium Phosphate (MKP)

1 Chemical Product and Company Information

Product name	Mono Potassium Phosphate
Synonyms	MKP, Potassium Phosphate Monohydrate
SupplierInformation:	Guizhou Lvyinbio Biotech Co., Ltd No.5 Jinjiang Road, Xiaohe, Guiyang, Guizhou, China. Tel: 0086 851-3799686 Fax: 0086 851-3799687

2 Composition/Information on Ingredients

Substances / Preparation: Substances
Chemical Name: KH₂PO₄
CAS NO.: 7778-77-0

3 Hazards Identification

Emergency Overview:	Product dusts may irritate respiratory tract.
Inhalation:	Dusty conditions may cause mechanical aggravation to mucous membranes.
Ingestion:	Minimal hazard under normal conditions and use. Ingestion of large quantities may cause gastrointestinal. Discomfort vomiting, weakness or other medically related problems.
Eye contact:	Dust from this product may cause particulate discomfort to the eyes.
Skin Contact:	Not normally absorbed through the skin.

4 First Aid Measures

Inhalation:	Remove from exposure area to fresh air immediately. If breathing is difficult, oxygen may be administered by a qualified operator. Keep person warm and at rest. Get medical attention for irritation or any other symptom.
Ingestion:	In patients not in shock or coma, and if a large amount is ingested, give 2-3 glasses of water and induce vomiting. Never give anything by mouth to an unconscious person. Maintain airway, blood pressure, and respiration.
Skin Contact:	Wash affected area with soap or mild detergent and rinse with water until no evidence of product remains. Get medical assistance for irritation, or any other symptom.
Eye Contact:	Flush eyes immediately with large amounts of water or normal saline solution, occasionally lifting upper and lower lids until no evidence of product remains (approximately 15-20 minutes).

5 Fire Fighting Measures

Fire: No data.
Explosion: Not considered to be an explosion hazard.



GUIZHOU LVYIN BIOTECH CO., LTD

Add: No.5 Jinjiang Road, Xiaohe, Guiyang, Guizhou, China
Tel: 0086 851-3799686 / 3936248
Website: www.lvyinbio.com

Fax: 0086 851- 3799687
Email: info@lvyinbio.com

Fire Extinguishing Media: Use any standard agent suitable for surrounding structural fire or for other chemicals that may be involved.

Special Information: During extremely high temperatures/ fire conditions, the product may reach a point when decomposition releases NH3, SOx, POx, or CN.

6 Accidental Release Measures

In Case of Spill: Pick up dry spills by scooping, shoveling or vacuuming and place into containers for reuse or disposal. Wear respirator, protective clothing and gloves. Keep unnecessary people away. Keep out of waterways, this product is a fertilizer and may promote algae growth. Obey all federal, state, and local regulations when storing or disposing of product.

7 Handling and Storage

Handling Avoid contact with skin and eyes. Avoid dispersion of dust into air.
Storage Store in a cool, dry place. Avoid spillage and separate from strong oxidizers. Use normal safety procedures and good personal hygiene. Keep out of reach of children.

8 Exposure Control and Personal Protection

Ventilation Protection: Use of local exhaust is recommended at product transfer points and where dusty conditions exist.
Eye Protection: Wear safety glasses. Use of splash shields or safety goggles is recommended for very dusty conditions.
Skin Protection: Wear cotton or canvas protective gloves to prevent contact with this product.

9 Physical and Chemical Properties

Chemical Formula: KH₂PO₄
Color and Appearance: White/Translucent crystals or powder
Odor: odorless
Solubility: soluble in water.
pH: No information found.
Specific Gravity: n/a
Vapor Pressure(mm/hg): n/a
Vapor Density (air=1): n/a
Boiling Point n/a
Bulk Density: n/a
Volatiles by Volume: n/a

10 Stability and Reactivity

Reactivity: Stable under normal temperatures and pressures.
Conditions to Avoid: Extremely high temperatures.
Incompatibilites: None.
Hazardous Decomposition: During extremely high temperatures the product may decompose and release NH3, SOx, POx, or CN.



GUIZHOU LVYIN BIOTECH CO., LTD

Add: No.5 Jinjiang Road, Xiaohe, Guiyang, Guizhou, China
Tel: 0086 851-3799686 / 3936248
Website: www.lvyinbio.com

Fax: 0086 851- 3799687
Email: info@lvyinbio.com

11 Toxicological Information

Eye effects : None
Carcinogenicity : None.

12 Ecological Information

Environmental Fate: No information found.
Environmental Toxicity: No information found.

13 Disposal Considerations

Sweep up and repackage or place in a receptacle for future disposal or use in accordance with any and all federal, state, or local regulations.

14 Transport Information

This material is not dangerous goods according to international regulations for transport.

15 Regulatory Information

Poison Schedule: None allocated.
Chemical Weapons Convention: No.
Fire No

16 Other Information

This information herein given in good faith and to the best of our knowledge. Since we have no control over the use of the product, we make no warranty or representation, expressed or implied, other than that it conforms to the chemical description on its label. No agent, representative or employee of us is authorized to change any terms of this notice.