



GUIZHOU LVYIN BIOTECH CO., LTD

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

Fax: 0086 851- 3799687
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Material Safety Data Sheet

Di Potassium Phosphate (DKP)

1 Chemical Product and Company Information

Product name Di Potassium Phosphate
Synonyms dibasic potassium phosphate, dipotassium (mono)hydrogen phosphate, dipotassium orthophosphate.
Supplier Information: Guizhou Lvyinbio Biotech Co., Ltd
No.5 Jinjiang Road, Xiaohe, Guiyang, Guizhou, China.
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2 Composition/Information on Ingredients

Substances / Preparation: Substances
Chemical Name: K_2HPO_4
CAS NO.: 7758-11-4

3 Hazards Identification

Emergency Overview: may irritate eyes, forms irritating & toxic phosphorus oxides on decomposition.
Inhalation: not known – dust may irritate nose & throat.
Ingestion: not known – very low toxicity – not a route of industrial exposure.
Eye contact: may irritate eyes (as a mechanical irritant or dust).
Skin Contact: little or no effect.

4 First Aid Measures

Inhalation: Remove from contaminated area promptly. CAUTION: Rescuer must not endanger himself! If breathing stops, administer artificial respiration and seek medical aid promptly.
Ingestion: Give plenty of water to dilute product. Do not induce vomiting (NOTE below). Keep victim quiet. If vomiting occurs, lower victim's head below hips to prevent inhalation of vomited material. Seek medical help promptly.
Skin Contact: Wash with plenty of water. Remove contaminated clothing and do not reuse until thoroughly laundered.
Eye Contact: Wash eyes with plenty of water, holding eyelids open. Seek medical assistance promptly if there is irritation.

5 Fire Fighting Measures

Fire: No data.
Explosion: Not considered to be an explosion hazard.
Fire Extinguishing Media: Use any standard agent suitable for surrounding structural fire or for other chemicals that may be involved.



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Special Information: During extremely high temperatures/ fire conditions, the product may reach a point when decomposition releases NH₃, SO_x, PO_x, 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 dry environment, away from acids. Always ensure that containers, whether empty or full, or part full, are tightly sealed unless in use..

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: K₂HPO₄
Color and Appearance: White/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.
Incompatibilities: None.
Hazardous Decomposition: During extremely high temperatures the product may decompose and release NH₃, SO_x, PO_x, or CN.

11 Toxicological Information



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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 warrantee 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.