



BOON STREAM CHEM INTERNATIONAL TRADE CO., LIMITED *Address:*

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Material Safety Data Sheet

MONOPOTASSIUM PHOSPHATE (MKP) Food Grade

Section 1 – Product and Company Identification

Product Name: Monopotassium Phosphate

Trade Names: N/A

Synonyms: MKP; potassium phosphate, monobasic; monopotassium monophosphate

MSDS Creation Date: July 2000

MSDS Current revision date: None

Manufacture by: BOON STREAM CHEM INTERNATIONAL TRADE CO., LIMITED

EMERGENCY: CHEMTREC (24 Hour Emergency Response) 1-800-424-9300

Section 2 – Composition / Information on Ingredients

Ingredient Name CAS Number

Monopotassium Phosphate 7778-77-0

Section 3 – Hazards Identification

Emergency overview: Product is not considered hazardous by known governmental definitions.

NFPA Rating: Health=0, Fire=0, Reactivity=0

Potential Health Effects:

Minimally to moderately irritating to unwashed eyes and minimally to mildly irritating to washed eyes in rabbits. Exposure monitoring indicates that the amount of respirable dust in the product is low. There have been no medical conditions reported as being aggravated by exposure.

Section 4 – First aid Measures

Inhalation: Remove from exposure

Eye Contact: Flush eyes immediately with large amounts of water. If irritation occurs or persists, obtain medical attention.

Ingestion: Rinse mouth and dilute stomach contents with water, or preferably with milk if available.

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Section 5 –Storage

Storage: This product should be stored in a clean dry area to maintain product quality and to prevent possible contamination by other chemicals.

Ventilation: Control measures such as local exhaust ventilation may be required where excessive airborne dust loading may be present.

Section 6 - Physical and Chemical Properties

Description: White, free-flowing powder

Specific gravity (H2O=1): Bulk density 1.2 G/ML

ph: 4.6 @ 1% solution

Melting Point: H2O, 253C

Boiling Point: Not applicable

Vapor Pressure: Not applicable

Water Solubility: 20% @ 25C

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Section 7 – Stability and Reactivity

Reactivity: Stable

Conditions to Avoid: None

Incompatibilities: None

Hazardous Decomposition: None

Polymerization: Will not occur

Section 8 – Toxicological Information

Eyes: Non-irritating to unwashed eyes, non-irritating to washed eyes (rabbit)

Inhalation: No published data

Ingestion: No published data

Delayed / Chronic:

Human industrial experience has shown no significant inhalation hazard nor skin irritation for low-level long-term exposure.

(effects considered include: sensitivities, carcinogenicity, teratogenicity, mutagenicity, synergistic products, and any medical conditions generally recognized as being aggravated by exposure.

Section 9 – Disposal Considerations

Waste disposal method: This product does not present a danger or hazard for disposal. Except for food applications, salvage and return to container, process or recycle for other uses. May be disposed of in landfills according to applicable regulations.

Section 10 – Transport Information

US DOT Hazard Class: Not hazardous

US DOT Identification Number: None

US DOT Packing Group: N/A

US DOT Label Code: None

Reportable Quantity: N/A

Section 11 – Regulatory Information

TSCA Status: All ingredients are listed on the TSCA Inventory of Chemical Substances.

Other TSCA Issues: None

SARA 311 Classifications: None

SARA 313 Notification: There are no ingredients on the SARA 313 reporting list.

CERCLA RQ' s and TPQ' s: None

Canadian Inventory: Not listed

WIMTS: Not hazardous

Section 12 – Other Information

NFPA Ratings: Health: 0, Flammability: 0, Reactivity: 0

Label Hazard Warning: None

Label Precautions: None

Label First Aid: None

This safety data sheet should be used in conjunction with technical sheets. It does not replace them.

The information given is based on our knowledge of this product, at the same time of publication.

It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it was intended. This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precaution required in handling the product.

This information is not exhaustive.