

# Safety Data Sheet

Section 1. Identification		
<b>Product Identifier</b>	<b>Dipotassium Phosphate</b>	<b>Version: 5</b> <b>Effective Date: 25 January 2021</b>
<b>Other Means Of Identification</b>	Potassium phosphate, dibasic	
<b>Initial Supplier Identifier</b>	Chemfax Products Ltd. 11444 – 42 Street SE Calgary, AB T2C 5C4 Tel: 403-287-2055	
<b>Recommended Use and Restrictions On Use</b>	Inhibitor for ethylene glycol and propylene glycol systems. No restrictions.	
<b>Product Family</b>	Inorganic Salt	
<b>Emergency Phone</b>	1-855-887-2055 Monday - Friday 8:00am - 4:30pm MST	

Section 2. Hazard Identification	
<b>Hazard Classification</b>	Not a regulated product
<b>Signal Word</b>	None
<b>Hazard Statement</b>	None.
<b>Precautionary Prevention Statement</b>	Non Hazardous.
<b>Precautionary Response Statement</b>	Non Hazardous.
<b>Precautionary Storage Statement</b>	Non Hazardous.
<b>Precautionary Disposal Statement</b>	Non Hazardous.
<b>Other Hazards</b>	None.

Section 3. Composition / Information on Ingredients			
Chemical Name	Common Name Or Synonyms	CAS NO. and Other Unique Identifiers	% by weight
Dipotassium Phosphate	Potassium phosphate, dibasic	7758-11-4	40 - 60

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<b>Section 4. First-Aid Measures</b>	
<b>Eye Contact</b>	Flush eyes with water for 15 minutes. Seek medical attention.
<b>Skin Contact</b>	Flush area with water. If irritation persists, seek medical attention. Launder clothing before reuse.
<b>Inhalation</b>	Remove victim to fresh air. If there is difficulty breathing, seek immediate medical attention.
<b>Ingestion</b>	Remove victim to fresh air. If there is difficulty breathing, seek immediate medical attention.
<b>Most Important Symptoms and Effects Both Acute and Delayed</b>	None expected. Product is not hazardous
<b>Immediate Medical Attention and Special Treatment</b>	None required.

<b>Section 5. Fire-Fighting Measures</b>	
<b>Suitable and Unsuitable Extinguishing Media</b>	Use extinguishing media suitable for surrounding fire.
<b>Hazardous Combustion Products</b>	Oxides of phosphorus and potassium.
<b>Specific Hazards Arising From the Product</b>	Potassium phosphate is not flammable however, release of phosphorus oxides can occur during a fire
<b>Special Protective Equipment and Precautions for Fire-Fighters</b>	Fire-fighters should wear self-contained breathing apparatus and full protective clothing. Use water spray to cool containers and structures exposed to fire.

<b>Section 6. Accidental Release Measures</b>	
<b>Personal Precautions, Protective Equipment and Emergency Procedures</b>	Gloves, coveralls, safety glasses. Secure area. Avoid generation of dust
<b>Environmental Precautions</b>	Do not allow spilled material to enter sewers and surface watercourses.
<b>Methods and Materials For Containment and Clean-Up</b>	Absorb with inert material and place in an appropriate container and mark for disposal. Clean up any residual material with water and detergent.

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Section 7. Handling and Storage	
<b>Precautions For Safe Handling</b>	Handle with care. Avoid contact with skin and eyes.
<b>Conditions For Safe Storage</b>	Store in a cool dry place. Keep containers closed when not in use.

Section 8. Exposure Controls / Personal Protection				
<b>Control Parameters</b> Dipotassium Phosphate	<b>TWA: 8 Hr</b> Not established for this product	<b>STEL: 15 min</b>	<b>Ceiling</b>	<b>IDLH *</b>
	* Immediately Dangerous to Life and Health			
<b>Exposure Controls</b>	Local exhaust ventilation			
<b>Appropriate Engineering Controls</b>	Ensure adequate ventilation.			
<b>Individual Protective Measures</b>	Not normally required under normal conditions of use. If exposure limits are exceeded:			
<b>Eye / Face Protection</b>	Safety glasses.			
<b>Skin Protection</b>	Chemical resistant coveralls, gloves			
<b>Respiratory Protection</b>	Dust mask.			

Section 9. Physical and Chemical Properties	
<b>Appearance</b>	Clear, colourless
<b>Odour</b>	Odourless
<b>Odour Threshold</b>	Not applicable.
<b>pH</b>	10 – 10.3
<b>Flash Point</b>	No data
<b>Boiling Point and Boiling Range</b>	106 °C
<b>Melting Point / Freezing Point</b>	No data
<b>Evaporation Rate</b>	No data
<b>Flammability (solid, gas)</b>	Not flammable
<b>Upper and Lower Flammability or Explosive Limits</b>	No data
<b>Vapour Pressure</b>	0.1, 0 mmHg @ 20 °C
<b>Vapour Density</b>	No data
<b>Relative Density</b>	1.54
<b>Solubility</b>	Completely soluble.
<b>Partition co-efficient, n-Octanol/Water</b>	No data

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<b>Auto-ignition Temperature</b>	No data
<b>Decomposition Temperature</b>	No data
<b>Viscosity</b>	No data

<b>Section 10. Stability and Reactivity</b>	
<b>Reactivity</b>	Stable
<b>Chemical Stability</b>	Stable
<b>Possibility of Hazardous Reactions</b>	Will not occur
<b>Conditions to Avoid</b>	None known
<b>Incompatible Materials</b>	Product is corrosive to metals
<b>Hazardous Decomposition Products</b>	Will not degrade under normal conditions of use.

<b>Section 11. Toxicological Information</b>			
<b>Component Toxicity</b>	<b>LD50 Oral</b>	<b>LD50 Dermal</b>	<b>LC50 Inhalation</b>
Dipotassium phosphate	>4.81 g/kg (Rat)	>5 g/kg (Rabbit)	
<b>Likely Routes of Exposure</b>			
<b>Skin:</b>	Not expected to be absorbed through the skin.		
<b>Eyes:</b>	May cause mild irritation.		
<b>Inhalation:</b>	Mists and aerosols may cause irritation of the upper respiratory tract.		
<b>Ingestion:</b>	If large amounts are ingested, symptoms may include gastrointestinal irritation, nausea, vomiting and diarrhea.		
<b>Acute Toxicity Estimates (ATE)</b>	Not toxic		
<b>STOT (Specific Target Organ Toxicity) – Single Exposure</b>	Not classified		
<b>Aspiration Toxicity</b>	Not classified		
<b>STOT (Specific Target Organ Toxicity) – Repeated Exposure</b>	Not classified		
<b>Skin Corrosion / Irritation</b>	Not classified		
<b>Serious Eye Damage / Irritation</b>	Not classified		
<b>Respiratory or Skin Sensitization</b>	Not classified		
<b>Carcinogenicity</b>	Not listed.		

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<b>Reproductive Toxicity</b>	
- <b>Sexual Function and Fertility</b>	Not classified
- <b>Development of Offspring</b>	Not classified
- <b>Effects on or via Lactation</b>	Not classified
<b>Germ Cell Mutagenicity</b>	Not classified
<b>Interactive Effects</b>	None known
<b>Other Information</b>	None known

<b>Section 12. Ecological Information</b>	
<b>Ecotoxicity</b>	No data
<b>Persistence and Degradability</b>	Will not persist
<b>Bioacumulative Potential</b>	No data
<b>Biodegradability</b>	No data
<b>Mobility in Soil</b>	Not available
<b>Other Adverse Effects</b>	None known

<b>Section 13. Disposal Considerations</b>	
<b>Disposal Considerations</b>	Dispose of in accordance with local, provincial and federal regulations.

<b>Section 14. Transport Information</b>	
<b>UN Number</b>	Not applicable
<b>UN Proper Shipping Name</b>	Not applicable
<b>Transport Hazard Class(es)</b>	Not applicable
<b>Packaging Group</b>	Not applicable
<b>Environmental Hazards</b>	Not applicable
<b>Bulk Transport</b>	Not applicable
<b>Special Precaution</b>	Not applicable
<b>DOT Erg#</b>	Not applicable

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<b>Section 15. Regulatory Information</b>	
<b>Canada – DSL Inventory</b>	All components of this product are either on the Domestic Substances List (DSL), Non-Domestic Substances List (NDSL), or exempt
<b>TSCA</b>	All components of this product are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt
<b>Additional Information</b>	None

<b>Section 16. Other Information</b>	
<b>NFPA Rating</b>	Health-1/ Flammability-0/Reactivity-0/Special Hazard-Not applicable
<b>HMIS Rating</b>	Health-1/Flammability-0/Reactivity-0/Personal Protection-See Section 8.
<b>Prepared by:</b>	Chemfax Products Ltd., Technical Department
<b>Date Prepared:</b>	22 September, 2011
<b>Date of Latest Revision:</b>	25 January 2021
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