

Safety Data Sheet

Section 1. Identification		
Product Identifier	Dipotassium Phosphate	Version: 4 Effective Date: 11 February, 2016
Other Means Of Identification	Potassium phosphate, dibasic	
Initial Supplier Identifier	Chemfax Products Ltd. 11444 – 42 Street SE Calgary, AB T2C 5C4 Tel: 403-287-2055	
Recommended Use and Restrictions On Use	Inhibitor for ethylene glycol and propylene glycol systems. No restrictions.	
Product Family	Inorganic Salt	
24 Hour Emergency	Canutec (613) 996-6666	

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

Safety Data Sheet

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

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

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

Safety Data Sheet

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

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

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

Safety Data Sheet

Auto-ignition Temperature	No data
Decomposition Temperature	No data
Viscosity	No data

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

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

Safety Data Sheet

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

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

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

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

Safety Data Sheet

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

Section 16. Other Information	
NFPA Rating	Health-1/ Flammability-0/Reactivity-0/Special Hazard-Not applicable
HMIS Rating	Health-1/Flammability-0/Reactivity-0/Personal Protection-See Section 8.
Prepared by:	Chemfax Products Ltd., Technical Department
Date Prepared:	22 September, 2011
Date of Latest Revision:	11 February, 2016
<p>Disclaimer Notice to reader</p> <p>To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.</p> <p>Chemfax Products Ltd. expressly disclaims all expressed or implied warranties of merchantability and fitness for a particular purpose with respect to the product provided.</p>	