

MATERIAL SAFETY DATA SHEET

5100 W. Henrietta Rd.
West Henrietta, NY 14586
TEL: (866) 260-0501

MSDS No. 9423506 9423604 9423606
Effective Date: December 1, 2005

SECTION V REACTIVITY DATA PP0740

Chemical Stability	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	If no, under what conditions?
Incompatible with Other products	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	No specific information is available.

Hazardous Decomposition Products	May produce oxides of phosphorous.		
Reactive under what conditions	No specific information is available.		

SECTION VI TOXICOLOGICAL PROPERTIES

Route of Entry	Inhalation. Ingestion.		
TLV	N/A		
Toxicity for animals	N/A		
Chronic effects on humans	There is no known effects from chronic exposure to this product. Target organs: None known.		
Acute effects on humans	May be harmful if swallowed. May cause skin irritation.		

SECTION VII PREVENTIVE MEASURES

Waste Disposal	Discharge, treatment, or disposal may be subject to local laws. Consult your local or regional authorities.		
Storage	Keep container dry. Keep in a cool place. Keep container tightly closed.		
Precautions	Avoid contact with skin and eyes. DO NOT breathe dust. DO NOT ingest. If ingested, seek medical advice immediately.		
Spill or leak	Use appropriate tools to put the spilled solid in a convenient waste disposal container.		
Protective Clothing	Safety glasses, lab coat, dust respirator, gloves.		


SECTION VIII FIRST AID MEASURES

Specific first aid measures	Ingestion: Call physician or Poison Control Center immediately. Induce vomiting only if advised by the appropriate medical personnel. Eye contact: Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek medical attention. Skin contact: Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Inhalation: Move victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Allow victim to rest in a well ventilated area. Seek immediate medical attention.		
-----------------------------	--	--	--

SECTION IX PREPARATION OF THE MSDS

Rev. No.	2	Date	December 1, 2005	Approved	Michael Raszeja
----------	---	------	------------------	----------	-----------------

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	Potassium Phosphate, Dibasic	<p>416-984-3000</p> <p>NFPA </p> <p>HAZARD RATING</p> <table border="1"> <tr> <td>Minimal</td> <td>Slight</td> <td>Moderate</td> <td>Serious</td> <td>Severe</td> </tr> <tr> <td>0</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> </tr> </table> <p>WHMIS</p> <table border="1"> <tr> <td>Health</td> <td>0</td> </tr> <tr> <td>Flammability</td> <td>0</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> </table>	Minimal	Slight	Moderate	Serious	Severe	0	1	2	3	4	Health	0	Flammability	0	Reactivity	0
Minimal	Slight		Moderate	Serious	Severe													
0	1		2	3	4													
Health	0																	
Flammability	0																	
Reactivity	0																	
Chemical Synonyms	Potassium Hydrogen Phosphate																	
Formula	K ₂ HPO ₄																	
CAS No.	7758-11-4																	

SECTION II DANGEROUS INGREDIENTS

Name	%	TLV Units
Potassium phosphate, dibasic	100%	N/A
CAUTION!		

SECTION III PHYSICAL DATA

Melting Point (°C)	N/A	Specific Gravity (H ₂ O = 1)	N/A
Boiling Point (°C)	Decomposes.	Percent Volatile by Volume (%)	N/A
Vapor Pressure (mm Hg)	Negligible.	Evaporation Rate (Butyl acetate =1)	N/A
Vapor Density (Air=1)	N/A		
Solubility in Water	33 g/100 ml water @ 20°C		
Appearance & Odor	White crystalline powder; no odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash point	Non-flammable.	Flammable Limits in Air % by Volume	N/A	Lower	Upper
Firefighting Procedures	Use dry chemical, CO ₂ , alcohol foam, or water spray. In fire conditions, fire-fighters should wear an appropriate mask or a self-containing breathing apparatus.				

Flammability and Explosion Hazards	Fire or excessive heat may produce hazardous decomposition products to be produced as dust or fume.
------------------------------------	---

TDG	Not controlled under TDG.
-----	---------------------------

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. For laboratory use only. Not for drug, food or household use. Keep out of reach of children. Printed on recycled paper.