

**MATERIAL SAFETY DATA SHEET**

Date of issue: January 1, 2013

May be used to comply with OSHA'S Hazard Communication Standard 29 CFR 1910, 1200 Standard must be consulted for specific requirements. IDENTITY (As Used on Label and List)

**U.S. DEPARTMENT OF LABOR**Occupational Safety and Health Administration  
(Non-Mandatory Form)

Form Approved

OMB No. 128-0072

Note: Blank spaces are not permitted

If any item is not applicable or no  
information is available, the space  
must be marked to indicate that**Section I - MANUFACTURER**Product name: PHOSPHATE  
Supplier: Grabber Construction Products  
205 Mason Circle  
Concord, CA 94520Emergency telephone: (412) 434-4515 (U.S.)  
number (514) 645-1320 (Canada)  
01-800-00-21-400 (Mexico)

Technical phone number 800-877-TURN (Concord, California) 8:00 a.m. - 5:00 p.m PST

**Section II - HAZARDOUS INGREDIENTS**

Hazardous Components

(Specific Chemical Identity:)

Common Name (s)	OSHA PEL	ACGIH TLV	% (Optional)
Chemical Analysis. Unit %			
Phosphate Acid : 35%			
Zinc Oxide: 15%			
Nitric Acid 20%			
Other : 1%			

**Section III - Physical / Chemical**

Characteristics		
Specific Gravity:	(H2O - 1)	1.58+/-0.02g/cm3
Boiling Point:	Not determined	
Melting Point:	Not Applicable	
Vapor Pressure:	(mm Hg) 25°C = 1.0atm	
Vapor Density:	(AIR - 1) 12 s	
Evaporation:	(Butyl Acetate) 1-3%	
Solubility in Water:	soluble	
Appearance and Odor:	solid , no Odor	

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## Section IV - Fire & Explosion Hazard Data

Flash Point (Method Used):	Flammable Limits Nonflammable	LEL Product is not self igniting	None
Extinguishing Media:	Not Applicable		
Special Fire Fighting Procedures:	None		
Unusual Fire and Explosion Hazards: (Reproduce Locally)	None		

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## Section V Reactivity Data

Stability:	Stable/if used according to specifications
Incompatibility (materials to avoid):	
Hazardous Decomposition or Byproducts:	
Hazardous:	May occur
Polymerization:	Will not occur

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## Section VI Health Hazard Data

Route(s) of Entry:	Inhalation/none Ingestion/not applicable		
Health Hazards(Acute and Chronic):	Not flammable or combustible. Steel products (screw) in the solid state present no fire or explosion hazard and do not contribute to the combustion of other materials.		
Carcinogenicity:	none	NTP/none	OSHA Regulated?
Signs and Symptoms of Exposure:	none		
Medical Conditions Generally Aggravated by Exposure:	none		
Emergency and First Aid Procedures:	Not applicable		

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## Section VII Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled:	Not applicable
Waste disposal method:	Dispose of the substance in accordance with the related laws and regulations.
Precautions to be taken in handling and storing:	Wash your hands after handling it - avoid storing the substance in high temperatures or highly humid places. Do not put screws in your mouth
Other precautions:	At temperatures above the melting point may liberate fumes oxides of zinc and alloying elements.

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## Section VIII Control Measures

Respiratory Protection (Specify Type)	
Ventilation	
Local Exhaust:	none
Special:	none
Mechanical (General):	none
Other:	none
Protective Gloves:	Rubber gloves
Eye Protection:	Safety glasses
Other Protective Clothing or Equipment:	Install a washstand in workshop for washing hands
Work:	Hygienic practices