

MATERIAL SAFETY DATA SHEET**SECTION 1 – IDENTIFICATION OF PRODUCT**

Manufacturers Name	Emergency Phone Number
Miras-e kavir Co.	+98 912 3795266
No.5, 10 th street, North Razan,	Fax: +98 21
Mirdamad BLVD	
Tehran, Iran	

Trade Name & Synonyms

Phosphate rock

Chemical Name & Synonyms

Fertilizing Compounds

Chemical Family

inorganic compound

SECTION II – HAZARDOUS INGREDIENTS OF MIXTURES

Component	%
Total phosphorus (as P2O5)	32
Fe	2.5
SiO2	2.0
CaO	48
Moisture	10
MgO	0.9
S	0.1
Al2O3	0.6

SECTION III – PHYSICAL DATA

Appearance & Odor: Dry powdery, white to light yellow in color.		
Boiling Point (Degrees Fahrenheit)	Specific (Water = 1)	Bulk Density
N/A	N/A	N/A
Vapor Pressure (MM of Mercury)	Percent Volatile (By Volume)	
N/A	N/A	
Vapor Density (Air = 1)	Evaporation Rate (Butyl acetate = 1)	
N/A	N/A	
Solubility in Water		
Fairly soluble, but most remains solid.		

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash Point (Specify Method/Degrees F)	Flammable Limits	Lower	Upper
N/A	% by Volume	N/A	N/A
Fire Extinguishing Media: Use that which is appropriate for the surrounding fire.			
Special Fire Fighting Procedures: Wear bunker gear & a self-contained breathing apparatus.			

SECTION V – HEALTH HAZARD DATA

Effects of Overexposure: May irritate sensitive individuals if on skin for prolonged period of time.
Emergency and First Aid Procedures: <i>If Swallowed:</i> Induce vomiting, get medical attention. <i>If on Skin:</i> Flush with soap and water, remove and launder contaminated clothing. <i>If in Eyes:</i> Flush with plenty of water for at least 15 minutes. <i>If Inhaled:</i> Remove to fresh air.

SECTION VI – REACTIVITY DATA

Stability	Unstable	Conditions to Avoid N/A
	Stable X	
Incompatibility (Materials to Avoid): None Known		
Hazardous Decomposition Products: None Known		
Hazardous Polymerization	May Occur	Conditions to Avoid N/A
	Will not Occur X	

SECTION VII – SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled: Sweep or scoop residue and remove. Mix with surrounding soil if possible; Recycle if possible.
Waste Disposal Method: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

SECTION VIII – SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify type): N/A	Mechanical (General): N/A
Ventilation: Use with adequate ventilation.	Local Exhaust: N/A
Protection Gloves: N/A	Eye Protection: N/A
Other Protective Equipment: Change cloths daily; bathe daily, wash cloths separately before reuse.	

SECTION IX – SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing: Store in the original container, preferably in a locked storage area. KEEP OUT OF REACH OF CHILDREN!
Other precautions: Wash thoroughly after handling. Do not get in eyes; on skin or clothing do not breathe dust. Cover up open wounds contain live bacteria.

SECTION X – DOT INFORMATION AND DATE

DOT Classification and Label: Not required by DOT