



Guizhou Zerophos Chemical Co., Ltd.

Material Safety Data Sheet

SECTION 1	CHEMICAL PRODUCT AND COMPANY INFORMATION
Trade Name:	Monocalcium Phosphate 21%
Registration No.:	None
Version No.:	2
Chemical Type:	Salt
Preparation Trade Name:	Monocalcium Phosphate 21%
Manufacturer:	Guizhou Zerophos Chemical Co., Ltd.
Usage:	Feed additives
Address:	612, Unit 1, Block B, Jinli Commercial Building, 89 Duyun Road, Guiyang, Guizhou 550022 China
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SECTION 2	COMPOSITION/INFORMATION ON INGREDIENTS
Chemical Name and Synonyms:	Monocalcium Phosphate 21%
C.A.S. No.:	7757-93-9 and 7758-23-8
Chemical Formula:	$\text{Ca}(\text{H}_2\text{PO}_4)_2 \cdot \text{H}_2\text{O} + \text{CaHPO}_4 \cdot 2\text{H}_2\text{O}$
Hazardous:	None
Non-Hazardous:	Nuisance Dust Not available

SECTION 3	HAZARDS IDENTIFICATION
Ingestion:	Non-toxic. No information listed.
Inhalation:	May cause aggravation in a dusty environment.
Eye Contact:	May cause minor abrasions.
Skin Absorption:	Not considered a normal route of entry.
Skin Contact:	May cause minor local discomfort with prolonged contact.
Effects of Overdose:	None listed.

SECTION 4	FIRST AID MEASURES
Ingestion:	If large amount is ingested, give 2-3 glasses of water and induce vomiting. Call a physician.
Inhalation:	Dust may cause slight aggravation which will disappear at end of exposure. Seek medical attention if condition persists.
Eyes:	Flush eyes with running water for 15 minutes. If condition persists, seek medical attention.
Skin:	Wash skin with mild soap and water. Seek medical attention if condition persists.

SECTION 5	FIRE FIGHTING MEASURES
Extinguishing Media:	Use media suitable to extinguish source of fire.
Special Fire Fighting Procedures:	None
Unusual Fire and Explosion Hazards:	PO _x gas given off when decomposing at high temperature.

SECTION 6	ACCIDENTAL RELEASE MEASURES
Environmental Precautions:	Do not contaminate waterways or any body of water by direct application, cleaning of equipment or disposal.
Steps to be taken in case of material is released or spilled:	Sweep up and scoop into container for use or recycle. Can be used as a fertilizer by following good agronomic practices.

SECTION 7	HANDLING AND STORAGE
Precautions to be taken in handling and storing:	Prevent spillage and use good personal hygiene and work practices.

SECTION 8	EXPOSURE CONTROLS/PERSONAL PROTECTION
Ventilation Protection:	Adequate ventilation.
Respiratory Protection:	Dust masks in a dusty environment.
Protective Clothing:	Normal work clothing.
Eye Protection:	Safety glasses with side shields or goggles in a dusty environment.
Eye Protection:	Eyewash fountain.

SECTION 9	PHYSICAL AND CHEMICAL PROPERTIES
Boiling Point:	Not applicable
Solubility in Water:	Soluble
Bulk Density lbs/ft ³ (kg/m ³)	59-72(950-1150)
% Volatiles (by volume):	Not applicable
Flashpoint:	Non-flammable
Vapor Pressure, mm Hg:	Not applicable
pH:	Not applicable
Reaction with Water:	None
Appearance:	White or light-yellow powder or granular.
Extinguishing Media:	Non-flammable. Use media suitable to extinguish source of fire.
Trade Name:	Monocalcium Phosphate 21%
Registration No:	None
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SECTION 10	STABILITY AND REACTIVITY
Stability (Normal Conditions):	Stable
Conditions to Avoid:	Not applicable
Incompatibility (Material to Avoid):	None listed
Hazardous Decomposition Products:	PO _x gas
Hazardous Polymerization:	Will not occur

SECTION 11	TOXICOLOGY INFORMATION
	None listed

SECTION 12	ECOLOGICAL INFORMATION
	None listed

SECTION 13	DISPOSAL CONSIDERATIONS
Waste Disposal Procedures:	If disposal is necessary, consult local state and federal regulations.

SECTION 14	TRANSPORT INFORMATION
Shipping Name:	Not regulated by D.O.T.
Hazard Class:	None
C.A.S. Number:	7757-93-9 and 7758-23-8
Reportable Quantity (RQ):	None
D.O.T. Number	None
Labels Required:	None
Haz Waste No:	None
Placard:	None
EPA Register No:	None

SECTION 15	REGULATORY INFORMATION
Carcinogenicity:	by IARC? : Yes () No (X) by NTP ? : Yes () No (X) Not on the 302 list of SARA reportable quantities.

SECTION 16	OTHER INFORMATION
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