

Rock Phosphate

Safety Data Sheet

Per Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SDS Date: January 31, 2017

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Mixture

Product Name: Organic Rock Phosphate

1.2. Intended Use of the Product

Use of the Substance/Mixture: *fertilizer (organic) or industrial use*

1.3. Name, Address, and Telephone of the Responsible Party

Company

Fertoz Int'l

1745 Shea Center Dr #456

Highlands Ranch, CO 80129

1.4. Emergency Telephone Number

Emergency Number : 720-413-4520

For Information, Chemical Emergency, Spill, Leak, Fire,
Exposure, or Accident,

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

2.1. Classification of the Substance or Mixture

GHS-US/CA Classification

HHNOC 1

Skin Irrit. 2 H315

Eye Dam. 1 H318

Carc. 1A H350

STOT RE 1 H372

Aquatic Acute 3 H402

Full text of hazard classes and H-statements : see Section 16.

Label Elements

GHS-US/CA Labeling

Hazard Pictograms (GHS-US/CA) :



Signal Word (GHS-US/CA) :

Danger

Hazard Statements (GHS-US/CA) :

H315 - Causes skin irritation.

H318- Causes eye irritation

Precautionary Statements (GHS-US/CA) :

P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have
been read and understood.

P 260- Do not breathe dust

P264 - Wash hands, forearms, and other

exposed areas thoroughly after handling. P270 -

Do not eat, drink or smoke when using this
product.

P280 - Wear protective gloves,
protective clothing, and eye

protection. P302+P352 - IF ON SKIN:

Wash with plenty of water.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes

Rock Phosphate

Naturally occurring material. No direct hazardous components are known.

Dust from product could cause eye, respiratory or gastric irritation. Wear dust masks and safety glasses/goggles when

in contact and avoid ingesting.

Fertoz rock phosphate is a natural mined mineral, used as a fertilizer material. It has ProCert, USDA, Washington State and California organic certifications.

2.3. Other Hazards

None

2.4. Unknown Acute Toxicity (GHS-US)

None listed nor known

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

3.2. Mixture

Name	Product Identifier	%	GHS-US classification
Chemical Family: Soft Rock Phosphate Mineral Ore. Can also be known as Soft Phosphate with clay.			

Full text of H-phrases: see section 16

SECTION 4: FIRST AID MEASURES

4.1. Description of First-aid Measures

Follow good hygiene practices. Wash with soap and water, flush eyes if irritated.

Health Hazards (*Acute and Chronic*) No acute health hazards. Nuisance dust may require use of dust mask and safety glasses.

Carcinogenicity: None Known

NTP?

IARC Monographs?

OSHA Regulated?

SECTION 4: FIRST AID MEASURES

4.1. Description of First-aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Inhalation: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Material is rock. Non flammable

Suitable Extinguishing Media: Water spray, dry chemical, foam, carbon dioxide.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not considered flammable

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: none.

Other Information: Do not allow run-off from fire fighting to enter drains or water courses.

Reference to Other Sections

Refer to Section 9 for flammability properties.

Fertoz Rock Phosphate

Safety Data Sheet

Per Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures-Handle like any natural or fertilizer material. Dispose of in accordance with local, state and federal regulations.

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not breathe dust. Do not get in eyes, on skin, or on clothing. Do not handle until all safety precautions have been read and understood.

6.1.1. For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protective equipment (PPE).

Emergency Procedures: none

6.1.2. For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures- secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

6.2. Environmental Precautions

Prevent entry to sewers and public waters.

6.3. Methods and Materials for Containment and Cleaning Up

For Containment: Contain solid spills with appropriate barriers and prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clean up spills immediately and recycle or dispose of waste safely.

Recover the product by vacuuming, shoveling or sweeping..

7.1. Precautions for Safe Handling

Precautions for Safe Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid contact with eyes, skin and clothing. Do not get in eyes, on skin, or on clothing.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Incompatible Materials: none.

7.3. Specific End Use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

Use simple PPE- work clothes, gloves, eye protection for dust

8.2. Exposure Controls

Appropriate Engineering Controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Personal Protective Equipment: Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.



Materials for Protective Clothing:

Hand Protection: Wear protective gloves.

Eye and Face Protection: Glasses or goggles.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: None specified, may use dust mask in off-loading or loading.

Other Information: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	: Powder, dust, granule
Appearance	: Brown to tan
Odor	: none.
Odor Threshold	: none
pH	: 6-8
Evaporation Rate	: No data available
Melting Point	: No data available
Freezing Point	: No data available
Boiling Point	: No data available

Rock Phosphate

Flash Point	none
Auto-ignition Temperature	none
Decomposition Temperature	none
Flammability (solid, gas)	none
Vapor Pressure	none
Relative Vapor Density at 20°C	none
Relative Density	none
Specific Gravity	1.2-1.4
Solubility	low
Partition Coefficient: N-Octanol/Water	none
Viscosity	none
9.2. Other Information	No additional information available

SECTION 10: STABILITY AND REACTIVITY

Natural product, non-react, stable

- 10.1. **Reactivity:** Hazardous reactions will not occur..
- 10.2. **Chemical Stability:** Stable under recommended handling and storage conditions (see Section 7).
- 10.3. **Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.
- 10.4. **Conditions to Avoid:** none
- 10.5. **Incompatible Materials:** none
- 10.6. **Hazardous Decomposition Products:** None expected under normal conditions of use.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1.

Skin Corrosion/Irritation: Causes skin irritation.

pH: 6.8

Eye Damage/Irritation: Causes serious eye damage.

pH: 6.8

Respiratory

or Skin

Sensitization:

Not classified

Germ Cell

Mutagenicity:

Not classified

Carcinogenicity:

May cause

cancer

(Inhalation).

Specific Target Organ Toxicity (Repeated Exposure): May cause damage to organs (lung/respiratory system) through prolonged or repeated exposure (Inhalation).

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: Respiratory tract irritation

Symptoms/Injuries After Skin Contact: Redness, pain, swelling, itching, burning, dryness, and dermatitis.

Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General

: Not classified.

Rock Phosphate

Naturally occurring rock phosphate)	
LC50 Fish 1	None
EC50 Daphnia 1	None
EC50 Other Aquatic Organisms 1	None
LC50 Fish 2	None
EC50 Other Aquatic Organisms 2	None

12.2. Persistence and Degradability

Product A	
Persistence and Degradability	Not established.

12.3. Bio accumulative Potential

Product A	
Bio accumulative Potential	Not established.
Isopropyl alcohol (67-63-0)	
Log Pow	0.05 (at 25 °C)

12.4. **Mobility in Soil** – designed for use as fertilizer

12.5. **Other Adverse Effects**

Other Information : None

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste Treatment Methods

Waste Disposal Recommendations: Sweep up product for use, recycle or disposal

Ecology - Waste Materials: Avoid direct release to waterways.

SECTION 14: TRANSPORT INFORMATION

14.1. In Accordance with DOT

Proper Shipping Name : Rock Phosphate, dry

Hazard Class :

Identification Number :

Label Codes : STCC 14714-410

Packing Group :

ERG Number :

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

14.1. **In Accordance with DOT** : Not regulated for transport

14.2. **In Accordance with IMDG** : Not regulated for transport

14.3. **In Accordance with IATA** : Not regulated for transport

14.4. **In Accordance with TDG** : Not regulated for transport

Rock Phosphate

SECTION 15: REGULATIONS

15.1. US Federal Regulations

Rock Phosphate	
Phosphate rock, dry	
SARA Section 313 - Emission Reporting	
	none

Rock Phosphate

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

	First SDS January 31, 2017

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

SDS US (GHS HazCom)