

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
Product name : Blue Phos 3-28-0 :  
Product code BLUE 3-28-0

#### 1.2. Recommended use and restrictions on use

Use of the substance/mixture : Fertilisers  
Recommended use : Fertilizers

#### 1.3. Supplier

##### Manufacturer

Timac Agro USA, INC. Inc.  
Route 724 & I-176  
P.O. Box 888  
Reading, PA 19607, PENNSYLVANIA  
USA  
T 1-800-545-5474  
[info-fds@roullier.com](mailto:info-fds@roullier.com)

##### Manufacturer

Rainbow Fertilizer LLC  
1011 Oak Avenue  
Americus, GA 31709, Georgia 31719  
USA  
T 1-800-403-2861  
[www.rainbowplantfoodproducts.com](http://www.rainbowplantfoodproducts.com)

#### 1.4. Emergency telephone number

Country/Area	Organization/Company	Address	Emergency number	Comment
Americas	3E		+1-760-476-3962 (Access code : 333021)	(24/7)
USA	USA POISON CONTROL CENTER (24h/7d)		1-800-222-1222	

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### GHS US classification

Skin corrosion/irritation Category 2 H315 Causes skin irritation  
Serious eye damage/eye irritation Category 2 H319 Causes serious eye irritation  
Specific target organ toxicity – Single exposure, Category 3, H335 May cause respiratory irritation  
Respiratory tract irritation  
Full text of H statements : see section 16

#### 2.2. GHS Label elements, including precautionary statements

##### GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Warning  
Hazard statements (GHS US) : H315 - Causes skin irritation  
H319 - Causes serious eye irritation  
H335 - May cause respiratory irritation

# Blue Phos 3-28-0

## Safety Data Sheet

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

Precautionary statements (GHS US) : P261 - Avoid breathing dust.  
P280 - Wear protective gloves, protective clothing, eye protection, face protection.  
P302+P352 - If on skin: Wash with plenty of soap and water.  
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P312 - Call a doctor if you feel unwell.

### 2.3. Other hazards which do not result in classification

No additional information available

### 2.4. Unknown acute toxicity (GHS US)

No additional information available

## SECTION 3: Composition/Information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Common Name (Synonyms)	Product identifier	%	GHS US classification
Monoammonium phosphate		CAS-No.: 7722-76-1	≥ 40	Skin Irrit. 2, H315 Eye Irrit. 2B, H320 STOT SE 3, H335
Calcium sulphate, dihydrate		CAS-No.: 10101-41-4	10 – 25	Not classified
Calcium hydrogen orthophosphate		CAS-No.: 7757-93-9	5 – 10	Not classified
Calcium carbonate		CAS-No.: 1317-65-3	5 – 10	Not classified
Sulfur		CAS-No.: 7704-34-9	1 – 5	Skin Irrit. 2, H315 Eye Irrit. 2A, H319

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

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

First-aid measures general : If you feel unwell, seek medical advice.  
First-aid measures after inhalation : Move to fresh air in case of accidental inhalation. Seek medical attention if ill effect develops.  
First-aid measures after skin contact : Wash off with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention.  
First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.  
First-aid measures after ingestion : If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting without medical advice. Seek medical attention if ill effect develops.

### 4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects : see section(s) : 2.1/2.3).

# Blue Phos 3-28-0

## Safety Data Sheet

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

### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : water, carbon dioxide (CO<sub>2</sub>), powder and foam. Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media : None known.

### 5.2. Specific hazards arising from the chemical

Fire hazard : Not flammable.

Explosion hazard : No direct explosion hazard.

Hazardous decomposition products in case of fire : Thermal decomposition generates : fume.

### 5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Contain the extinguishing fluids by bunding.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Self-contained breathing apparatus.

Other information : Relevant water authorities should be notified of any large spillage to water course or drain.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Evacuate area.

#### 6.1.1. For non-emergency personnel

Emergency procedures : Do not get in eyes, on skin, or on clothing. Do not breathe dust. Mechanically ventilate the spillage area. Only qualified personnel equipped with suitable protective equipment may intervene.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures : Ventilate area. Stop leak if safe to do so. Dike and contain spill.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

### 6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.

Methods for cleaning up : Clean up immediately by sweeping or vacuum. Minimize generation of dust. Gather the product and place it in a spare container that has been suitably labeled.

Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

# Blue Phos 3-28-0

## Safety Data Sheet

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

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling	: Ensure good ventilation of the work station. Do not breathe dust. Avoid contact with skin and eyes. Use personal protective equipment as required.
Hygiene measures	: Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before reuse. Handle in accordance with good industrial hygiene and safety practice.

#### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Comply with applicable regulations.
Storage conditions	: Store in dry, cool, well-ventilated area. Protect from moisture. Keep out of reach of children.
Incompatible products	: Refer to the detailed list of incompatible materials in section 10 Stability/Reactivity.
Storage temperature	: Store at ambient temperature
Information on mixed storage	: Keep away from food, drink and animal feeding stuffs.
Special rules on packaging	: Store in a closed container.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Calcium hydrogen orthophosphate (7757-93-9)

###### USA - ACGIH - Occupational Exposure Limits

ACGIH OEL TWA	10 mg/m <sup>3</sup> Total Dust, including Micro Dust
---------------	---

##### Calcium sulphate, dihydrate (10101-41-4)

###### USA - ACGIH - Occupational Exposure Limits

Local name	Calcium sulfate, the dihydrate
ACGIH OEL TWA	10 mg/m <sup>3</sup> (I - Inhalable particulate matter)
Remark (ACGIH)	TLV® Basis: Nasal symptoms
Regulatory reference	ACGIH 2024

###### USA - OSHA - Occupational Exposure Limits

Local name	Calcium sulfate
OSHA PEL TWA	15 mg/m <sup>3</sup> (Total dust) 5 mg/m <sup>3</sup> (Respirable fraction)
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

##### Calcium carbonate (1317-65-3)

###### USA - OSHA - Occupational Exposure Limits

Local name	Calcium Carbonate (Limestone; Marble)
OSHA PEL TWA	15 mg/m <sup>3</sup> (Total dust) 5 mg/m <sup>3</sup> (Respirable fraction)
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

#### 8.2. Appropriate engineering controls

Appropriate engineering controls	: Ensure good ventilation of the work station. Local exhaust and general ventilation must be adequate to meet exposure standards.
----------------------------------	---

# Blue Phos 3-28-0

## Safety Data Sheet

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

Environmental exposure controls : Take all necessary measures to avoid accidental discharge of products into drains and waterways due to the rupture of containers or transfer systems. Assure that emissions are compliant with all applicable air pollution control regulations. Comply with applicable regulations.

### 8.3. Individual protection measures/Personal protective equipment

<b>Materials for protective clothing:</b>		
Wear suitable protective clothing		
<b>Eye protection:</b>		
Safety glasses with side guards should be worn to prevent injury from airborne particles and/or other eye contact with this product		
<b>Type</b>	<b>Field of application</b>	<b>Characteristics</b>
Safety goggles	Dust	With side shields
<b>Skin and body protection:</b>		
Skin protection appropriate to the conditions of use should be provided. In case of repeated or prolonged contact wear gloves		
<b>Type</b>		
Gloves		
<b>Respiratory protection:</b>		
Where excessive dust may result, wear approved mask		
<b>Device</b>	<b>Filter type</b>	<b>Condition</b>
Dust mask	Type P2	Dust protection

#### Personal protective equipment symbol(s):



#### Other information:

See Heading 7 : 7.1. Precautions for safe handling.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Granulate.
Color	: Gray
Odor	: Odorless
Odor threshold	: No data available
pH	: 7 – 7.5
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: No data available
Density	: 65 lb/ft³
Solubility	: No data available

# Blue Phos 3-28-0

## Safety Data Sheet

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

Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under use and storage conditions as recommended in section 7.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

Strong acids. Strong bases. oxidizing agents (peroxides, chromates, dichromates). Reducing agents.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. In case of fire: See Heading 5.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	: Not classified (Based on available data, the classification criteria are not met)
Additional information	: No experimental study on the product is available. The information given is based on our knowledge of the components and the classification of the product is determined by calculation

Monoammonium phosphate (7722-76-1)	
LD50 oral rat	> 2000 mg/kg (OECD 425 method)
LD50 dermal rat	> 5000 mg/kg (OECD 402 method)
LC50 Inhalation - Rat	> 5 mg/l (OECD Guideline 403 with diammonium hydrogenorthophosphate; EPA with calcium bis(dihydrogenorthophosphate))
Calcium hydrogen orthophosphate (7757-93-9)	
LD50 oral rat	> 5000 mg/kg body weight
LD50 dermal rabbit	> 7940 mg/kg body weight

# Blue Phos 3-28-0

## Safety Data Sheet

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

<b>Calcium hydrogen orthophosphate (7757-93-9)</b>	
LC50 Inhalation - Rat (Dust/Mist)	> 2.6 mg/l/4h
<b>Sulfur (7704-34-9)</b>	
LD50 oral rat	> 2000 mg/kg EPA OPP 81-1
LD50 dermal rat	> 2000 mg/kg EPA OPP 81-2
LC50 Inhalation - Rat	> 5.4 g/m <sup>3</sup> (OECD 403 method)
<b>Calcium sulphate, dihydrate (10101-41-4)</b>	
LD50 oral rat	> 1581 mg/kg body weight (OECD 420 method)
LC50 Inhalation - Rat	> 2.61 mg/l (OECD 403 method)
Skin corrosion/irritation	: Causes skin irritation. pH: 7 – 7.5
<b>Monoammonium phosphate (7722-76-1)</b>	
pH	3 – 5
Serious eye damage/irritation	: Causes serious eye irritation. pH: 7 – 7.5
<b>Monoammonium phosphate (7722-76-1)</b>	
pH	3 – 5
Respiratory or skin sensitization	: Not classified (Based on available data, the classification criteria are not met) No experimental study on the product is available. The information given is based on our knowledge of the components and the classification of the product is determined by calculation
Germ cell mutagenicity	: Not classified Based on available data, the classification criteria are not met No experimental study on the product is available. The information given is based on our knowledge of the components and the classification of the product is determined by calculation
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met) No experimental study on the product is available. The information given is based on our knowledge of the components and the classification of the product is determined by calculation
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met) No experimental study on the product is available. The information given is based on our knowledge of the components and the classification of the product is determined by calculation
STOT-single exposure	: May cause respiratory irritation. No experimental study on the product is available. The information given is based on our knowledge of the components and the classification of the product is determined by calculation
<b>Monoammonium phosphate (7722-76-1)</b>	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met) No experimental study on the product is available. The information given is based on our knowledge of the components and the classification of the product is determined by calculation
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met; No experimental study on the product is available. The information given is based on our knowledge of the components and the classification of the product is determined by calculation)
Viscosity, kinematic	: No data available
<b>Monoammonium phosphate (7722-76-1)</b>	
Viscosity, kinematic	Not applicable
Symptoms/effects	: see section(s) : 2.1/2.3).

# Blue Phos 3-28-0

## Safety Data Sheet

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

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : No experimental study on the product is available. The information given is based on our knowledge of the components and the classification of the product is determined by calculation. Do not allow uncontrolled discharge of product into the environment.

Monoammonium phosphate (7722-76-1)	
LC50 - Other aquatic organisms [1]	> 1700 mg/l Single Superphosphate
EC50 - Other aquatic organisms [1]	> 100 mg/l (OECD 201 method) Similar substances
Calcium hydrogen orthophosphate (7757-93-9)	
LC50 - Fish [1]	> 13.5 mg/l (OECD 203 method)
EC50 - Crustacea [1]	> 2.9 mg/l (OECD 202 method)
EC50 72h - Algae [1]	> 4.4 mg/l (OECD 201 method)
Sulfur (7704-34-9)	
LC50 - Fish [1]	96h 5 g/l
EC50 - Crustacea [1]	> 665 mg/l
EC50 72h - Algae [1]	> 232 mg/l
Calcium sulphate, dihydrate (10101-41-4)	
LC50 - Fish [1]	> 1970 mg/l Pimephales promelas
EC50 - Crustacea [1]	> 79 mg/l daphnia, (OECD 202 method)
ErC50 algae	> 79 mg/l Selenastrum capricornutum, (OECD 201 method)

#### 12.2. Persistence and degradability

Blue Phos 3-28-0	
Persistence and degradability	Not established.
Monoammonium phosphate (7722-76-1)	
Persistence and degradability	Not established.
Calcium hydrogen orthophosphate (7757-93-9)	
Persistence and degradability	Not applicable (inorganic substance).
Sulfur (7704-34-9)	
Persistence and degradability	Rapidly degradable
Calcium sulphate, dihydrate (10101-41-4)	
Persistence and degradability	Not established.
Calcium carbonate (1317-65-3)	
Persistence and degradability	Not established.

#### 12.3. Bioaccumulative potential

Blue Phos 3-28-0	
Bioaccumulative potential	Not established.

# Blue Phos 3-28-0

## Safety Data Sheet

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

Monoammonium phosphate (7722-76-1)	
Partition coefficient n-octanol/water (Log Pow)	Not applicable
Partition coefficient n-octanol/water (Log Kow)	Not applicable
Bioaccumulative potential	Low bioaccumulation potential. Data sources : Safety Data Sheet Supplier.
Calcium hydrogen orthophosphate (7757-93-9)	
Bioaccumulative potential	Bioaccumulation unlikely.
Sulfur (7704-34-9)	
Bioaccumulative potential	Bioaccumulation unlikely.
Calcium sulphate, dihydrate (10101-41-4)	
Bioaccumulative potential	Bioaccumulation unlikely.
Calcium carbonate (1317-65-3)	
Bioaccumulative potential	Not established.

### 12.4. Mobility in soil

Monoammonium phosphate (7722-76-1)	
Ecology - soil	Not applicable. Safety Data Sheet Supplier.
Calcium hydrogen orthophosphate (7757-93-9)	
Ecology - soil	No additional information available. Soluble in water.
Sulfur (7704-34-9)	
Ecology - soil	Low mobility (soil).
Calcium sulphate, dihydrate (10101-41-4)	
Ecology - soil	Small adsorption.

### 12.5. Other adverse effects

Other adverse effects	: May cause eutrophication at very low concentration.
Other information	: No other effects known.

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Regional waste regulation	: Disposal must be done according to official regulations.
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations	: Discharging into rivers and drains is forbidden.
Additional information	: Do not re-use empty containers.

## SECTION 14: Transport information

In accordance with DOT / TMD / IMDG / IATA

### 14.1. UN number

UN-No.(DOT)	: Not applicable
UN-No. (TDG)	: Not applicable

# Blue Phos 3-28-0

## Safety Data Sheet

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

UN-No. (IMDG) : Not applicable  
UN-No. (IATA) : Not applicable

### 14.2. UN proper shipping name

Proper Shipping Name (DOT) : Not applicable  
Proper Shipping Name (TDG) : Not applicable  
Proper Shipping Name (IMDG) : Not applicable  
Proper Shipping Name (IATA) : Not applicable

### 14.3. Transport hazard class(es)

**DOT**  
Transport hazard class(es) (DOT) : Not applicable

**TDG**  
Transport hazard class(es) (TDG) : Not applicable

**IMDG**  
Transport hazard class(es) (IMDG) : Not applicable

**IATA**  
Transport hazard class(es) (IATA) : Not applicable

### 14.4. Packing group

Packing group (DOT) : Not applicable  
Packing group (TDG) : Not applicable  
Packing group (IMDG) : Not applicable  
Packing group (IATA) : Not applicable

### 14.5. Environmental hazards

Other information : No supplementary information available.

### 14.6. Special precautions for user

**DOT**  
Not applicable

**TDG**  
Not applicable

**IMDG**  
Not applicable

**IATA**  
Not applicable

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

Name	CAS-No.	Listing	Commercial status	Flags
Monoammonium phosphate	7722-76-1	Present	Active	

# Blue Phos 3-28-0

## Safety Data Sheet

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

Name	CAS-No.	Listing	Commercial status	Flags
Calcium hydrogen orthophosphate	7757-93-9	Present	Active	
Sulfur	7704-34-9	Present	Active	
Calcium sulphate, dihydrate	10101-41-4	Present	Active	
Calcium carbonate	1317-65-3	Present	Active	

### 15.2. International regulations

#### CANADA

##### Monoammonium phosphate (7722-76-1)

Listed on the Canadian DSL (Domestic Substances List)

##### Calcium hydrogen orthophosphate (7757-93-9)

Listed on the Canadian DSL (Domestic Substances List)

##### Sulfur (7704-34-9)

Listed on the Canadian DSL (Domestic Substances List)

##### Calcium sulphate, dihydrate (10101-41-4)

Listed on the Canadian DSL (Domestic Substances List)

##### Calcium carbonate (1317-65-3)

Listed on the Canadian NDSL (Non-Domestic Substances List)

#### EU-Regulations

##### Calcium hydrogen orthophosphate (7757-93-9)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

#### National regulations

##### Blue Phos 3-28-0

Ensure all national/local regulations are observed

##### Calcium hydrogen orthophosphate (7757-93-9)

Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)  
Listed on KECL/KECI (Korean Existing Chemicals Inventory)

##### Sulfur (7704-34-9)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

##### Calcium carbonate (1317-65-3)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

# Blue Phos 3-28-0

## Safety Data Sheet

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

### 15.3. US State regulations

No additional information available

### SECTION 16: Other information

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

Data sources : Safety Data Sheet Supplier.

Full text of hazard classes and H-statements	
H315	Causes skin irritation
H319	Causes serious eye irritation
H320	Causes eye irritation
H335	May cause respiratory irritation

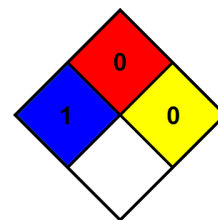
Abbreviations and acronyms	
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
SDS	Safety Data Sheet
STP	Sewage treatment plant
vPvB	Very Persistent and Very Bioaccumulative
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
ED	Endocrine disruptor

# Blue Phos 3-28-0

## Safety Data Sheet

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

NFPA health hazard	: 1 - Materials that, under emergency conditions, can cause significant irritation.
NFPA fire hazard	: 0 - Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.
NFPA reactivity	: 0 - Material that in themselves are normally stable, even under fire conditions.



Hazard Rating	
Health	: 1 Slight Hazard - Irritation or minor reversible injury possible
Flammability	: 0 Minimal Hazard - Materials that will not burn
Physical	: 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.
Personal protection	: E - Safety glasses, Gloves, Dust respirator

Safety Data Sheet (SDS), USA

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.