



SBC™ BioPHOS™

Safety Data Sheet (SDS)

ISSUE DATE: 9/30/2021

1 IDENTIFICATION

Product Name : SBC™ BioPHOS™
 Synonyms: None Known
 Product Use: Liquid Fertilizer
 Manufacturer/Supplier: Soil Basics Corporation
 Address: 17014 Avenue 296, Visalia, CA 93292
 General Information: (559) 651-2772
 Emergency Phone Number: (888) 769-9266

2 HAZARD IDENTIFICATION

Hazard Statement - Signal Word: Caution
 Skin Irritation: May cause mild irritation
 Eye Irritation: May cause injury
 Ingestion: Causes irritation to the digestive and respiratory tract



3 COMPOSITION/INFORMATION ON INGREDIENTS

Blend of plant nutrients derived from:

Name	CAS No.	% by Wt.
Phosphoric Acid	7664-38-2	Proprietary
Ammonium Hydroxide	1336-21-6	Proprietary

GUARANTEED ANALYSIS:

Nitrogen (N)	2.0%
Available Phosphate (P ₂ O ₅)	24.0%

4 FIRST AID MEASURES

If in eyes:	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present. Do not rub eyes.
If on skin or clothing:	Rinse skin immediately with plenty of water for 15-20 minutes.
If swallowed:	Call a poison control center or doctor for treatment advice. Have person sip a glass of water or fruit juice.
If inhaled:	Cannot be inhaled.



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5 FIRE FIGHTING MEASURES

Suitable extinguishing media:	No specific firefighting procedures noted
Specific hazards arising from the chemical:	None
Special protective equipment and precautions for fire fighters:	No specific recommendation made, but respiratory protection may be required under exceptional circumstances when excessive air contamination exists.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:	Before using, repairing or providing maintenance of contaminated equipment, drain and rinse with water. No unusual requirements for hygienic practices.
Environmental Precautions: Methods and materials for containment and cleaning up:	Do not contaminate the waterways. Spill response: confine the spill into a dike area or sump if possible. Recover as much of the liquid as possible. Do not allow run-off into sewer systems.

7 HANDLING & STORAGE

Precautions for safe handling:	Refer to Section 8 for personal protective equipment.
Conditions for safe storage:	Ambient storage temperature, unlimited shelf life. In handling and storage, keep any incompatibilities: separate from acids.
Cleaning Equipment:	Before using, repairing, or providing maintenance of contaminated equipment, drain and rinse with water.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection:	Not required
Protective Gloves:	Use suitable protective rubber or plastic gloves to avoid prolonged or repeated skin contact.
Eye Protection:	Goggles or goggles with face shield.
Ventilation Recommended:	No methods required.
Other Protective Equipment:	Emergency eye wash and safety shower.





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9 PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Light Amber	Vapor Pressure:	N/A
Odor:	None	Vapor Density:	N/A
Odor Threshold:	None	Relative Density:	10.35 lbs/gallon
pH:	1.50 - 2.0	Specific Gravity:	1.24 (water=1)
Melting/Freezing Point:	N/A	Solubility (in water):	N/A
Boiling Point:	N/A	Partition Coefficient:	N/A
Flash Point:	N/A	Auto-ignition Temperature:	Not combustible
Evaporation Rate:	N/A	Decomposition Temperature:	None
Flammability:	Not determined	Viscosity:	N/A
Upper/Lower Flammability Limits:	Not determined		

10 STABILITY & REACTIVITY

Reactivity :	Unknown
Chemical stability:	Stable under normal conditions
Possibility or hazardous reactions:	No dangerous reactions known
Conditions to avoid :	Excessive heat or contact with acids
Incompatible materials:	Acids and heat
Hazardous decomposition products:	None

11 TOXICOLOGICAL INFORMATION

LIKELY ROUTES OF EXPOSURE	
Inhalation:	None
Ingestion:	None
Skin contact:	Could be a route
Eye contact:	Could be a route
SYMPTOMS RELATED TO CHARACTERISTICS	
Physical:	None determined
Chemical:	None determined
Toxicological:	None determined
Delayed effects/Immediate effects:	None determined
Chronic effects from short or long term exposure:	None determined



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12 ECOLOGICAL INFORMATION

Ecotoxicity (aquatic and terrestrial), where available:	No further information available
Persistence and degradability:	No further information available
Bioaccumulative potential:	No further information available
Mobility in the soil:	No further information available
Other adverse effects:	Hazardous for water; keep out of waterways. May be harmful to fish, livestock and wildlife.

13 DISPOSAL INFORMATION

Waste disposal methods:	Reclaim and reuse as much as possible. Do not allow material to reach sewer system. Dispose in accordance with local, state and federal regulations.
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14 TRANSPORT INFORMATION

UN proper shipping name:	Non-regulated material
UN Number:	Non-regulated material
Transport Hazard Class:	Not a DOT hazardous material
Packing group:	Not applicable
Environmental hazards:	No information found
Transport in Bulk (according to Annex II of MARPOL 73/78 and the IBC Code):	Trucks, tanks, mini-bulks, drums, buckets
Special precautions which a user needs to be aware of, or needs to comply with:	None determined at this time.

15 REGULATORY INFORMATION

Safety, health and environmental regulations:	No additional regulatory information applicable. Refer to sections 11, 13, 14
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16 OTHER INFORMATION

Emergency Overview:	Product is a light amber aqueous solution. Product is irritating to the eyes. Inhalation of mists and vapors should be avoided, as it may be irritating to the respiratory system.
SDS Preparation Date:	September 30, 2021
Revision Date:	May 30, 2022
Revision Reason:	