

Superthrive® Organic Plant Food

Safety Data Sheet

Section 1: Identification

Product Identifier: Superthrive® Organic Plant Food

Recommended Use: Superthrive® Organic Plant Food is a natural source of plant nutrition derived from oceanic fish. Superthrive® Plant Food provides nutrients that strengthen and enhance the plant vigor.

Manufacturer: Plantation Products, LLC
202 S, Washington Street, Norton, MA 02766
508-285-5800
shelly@superthrive.com

Emergency Phone (800) 441-8482

Section 2: Hazard(s) Identification

Classification of Mixture

Acute Toxicity	Category 4
Eye Irritation	Category 2A

Label Elements including precautionary statements

Signal Word:	WARNING!
Symbol Name:	Exclamation Mark
Hazard Statement:	Harmful if Swallowed Causes Serious Eye Irritation

Precautionary Statements - General

Keep out of reach of children

Precautionary Statements - Prevention

Wash hands thoroughly after handling.
Do not eat drink or smoke when using this product
Wear eye protection

Precautionary Statements - Response

ORAL	IF SWALLOWED: Call a doctor if you feel unwell. Rinse mouth.
EYES	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

Precautionary Statements - Storage

none

Precautionary Statements - Disposal

Dispose of contents in accordance with local regulations.

Other Hazards not applicable

Section 3: Composition/Information on Ingredients

Reportable Hazardous Substances

Name	CAS #	Concentration
Sulfuric Acid	7664-93-9	1-4% as needed to stabilize pH

Section 4: First-Aid Measures

First Aid Measures

Ingestion:	Call a doctor if you feel unwell. Rinse mouth.
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 attention.
Inhalation:	N/A

Most Important Symptoms

Eye Contact	After eye contact, an eye irritation may occur (redness).
-------------	-----------------------------------------------------------

Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat Symptomatically
--------------------	-----------------------

Section 5: Fire-fighting Measures

Extinguishing Media:	Use extinguishing media most appropriate to the surrounding fire.
----------------------	-------------------------------------------------------------------

Special Fire Fighting Procedures: N/A

Unusual Fire and Explosion

Hazards:	N/A
----------	-----

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	Wear eye protection and protective gloves if necessary. Wash hands thoroughly after handling.
Environmental Precautions	Do not contaminate water supply with disposal of waste or containers.
Methods and Materials for containment and clean up	Pick up free liquid and keep in suitable, closed containers for recycle and/or disposal. Residual liquid can be absorbed on inert material.

Section 7: Handling and Storage

Precautions for Safe Handling:	Wash thoroughly after handling. Do not ingest. Do not get in eyes.
--------------------------------	--------------------------------------------------------------------

Conditions for Safe Storage	Store in a cool dry place away from children, food and feed products. Do not contaminate other stored products of the storage area by handling or storage of this product.
-----------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Section 8: Exposure Controls / Personal Protection

Control Parameters

Exposure Guidelines

Component	ACGIH	NIOSH	OSHA
Sulfuric Acid	0.2 mg/m ³ TWA	0.2 mg/m ³ TWA	1 mg/m ³ TWA
		15 mg/m ³ STEL	

Appropriate Engineering Controls

N/A

Individual Protective Measures

Eye/Face Protection:	Keep out of eyes. If splashes are likely to occur: Use safety glasses.
Respiratory:	Not Applicable
Hygiene:	Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid contact with eyes, skin and clothing. Wash contaminated clothes before reuse.

Section 9: Physical and Chemical Properties

Appearance:	Initial Boiling Point & Boiling Range - (F) 212
Physical State - liquid	Upper/Lower flammability or explosive limits - Not Applicable
Color - brown	Vapor Pressure (mm of hg):16
Odor - Fish	Vapor Density (air+1) - N/A
Odor Threshold: Not Available	Relative density - Not Available
pH - 3.5-4.5	Solubility - water soluble
Melting point / Freezing Point - Not Available	Partition coefficient: n-octanol/water - Not Available
Flammability - Non Flammable	Auto-ignition temperature - Not Available
Flash Point - Does not Flash	Decomposition Temperature - Not Available
Evaporation Rate - 0.3	Viscosity - Not Available

Section 10: Stability and Reactivity

Chemical Stability - Stable
Possibility of Hazardous Reactions - None
Conditions to Avoid - None Known
Incompatible Materials - Strong Bases
Hazardous Decomposition Products - None Known

Section 11: Toxicology Information

Information on Toxicological Effects

Acute Toxicity	<u>Sulfuric Acid</u> LD50 (rat, oral) = 2140 mg/Kg LC50 (mouse, inhalation) = 320 mg/m ³ 2
Skin corrosion/irritation	N/A
Serious eye damage/irritation	Irritant for the eyes.
Sensitization	Not available
STOT-repeated exposure	Not available
Germ cell mutagenicity	Not available
Carcinogenicity	Not available
Reproductive toxicity	Not available
STOT-single exposure	Not available
Aspiration hazard	Not available

Section 12: Ecological information

Toxicity	Not available
Persistence and degradability	Not available
Bioaccumulation potential	Not available
Mobility in the soil	Not available
Other Adverse Effects	Not available

Section 13: Disposal considerations

Waste Treatment Methods	Waste should be disposed of in an approved waste disposal facility following all Federal, State and Local Regulations.
--------------------------------	------------------------------------------------------------------------------------------------------------------------

Container Handling and Disposal: Triple rinse containers with water and recycle.

Section 14: Transport Information

UN Number	Not Regulated
UN Proper Shipping Name	Not Regulated
Transport Hazard class	Not Regulated
Environmental Hazards	Not Regulated
Marine Pollutant	No
Special Precautions	None
Transport in Bulk (according to Annex II of MARPOL 73/78 and the IBC Code) - Not Applicable	

Section 15: Regulatory Information

None

Section 16: Other Information, including date of preparation or last revision

Created: 01/03/2018

NOTICE FROM PLANTATION PRODUCTS, LLC

Plantation Products believes the information contained herein to be accurate and to represent the best information currently available to us. Plantation Products makes no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. It is the responsibility of the customer to follow label directions and make his or her own determination on each particular application.

1/3/2018