

SAFETY DATA SHEET

FILE NO.: SWPP-2016Q4

NAME OF PRODUCT: **SeaXtra™ Water Penetrating Pellet**

Preparation Date: 10/01/2016

Revision: 10/01/2016

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT CODES: BPT-SWPP
PRODUCT NAME: SeaXtra Water Penetrating Pellet
SYNONYMS: Non-ionic surfactant and seaweed extract pellet, SeaXtra Pellet, Wetting agent pellet with SeaXtra

MANUFACTURER: BioPro Technologies, LLC
ADDRESS: 4060 SE 45th Court, Ocala, Florida 34480

EMERGENCY PHONE: (800) 339-2140
CHEMTREC PHONE: N/A
OTHER CALLS: (352) 620-2020
FAX PHONE: (352) 620-0312

PRODUCT USE: Ornamental Turf, Nursery, Agriculture, Landscape Management
PREPARED BY: E.F. Wilson III

SECTION 2: HAZARDS IDENTIFICATION

GHS CLASSIFICATION: This product is NOT classified as hazardous or toxic according to 29 CFR 1910(Subpart Z), amended to conform to the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (OSHA / GHS); SOR/88-66, the Canadian Controlled Products Regulations (CPR); and/or NOM-002-SCT-2003 (Mexico). This product is NOT classified as a skin or eye irritant in accordance with the classification criteria of the European Union.

| Health: | Environmental: | Physical: |
|---|--|-----------------------------|
| Acute Toxicity: None Known (NK) Skin Irritation: Below Category 3 threshold Skin Corrosion: NK Eye Effects: Below Category 2(b) threshold Skin Sensitization in rare instances; NK Mutagenicity/Carcinogenicity: NK Reproductive/Dev.: NK | Acute Aquatic Toxicity: NK Chronic Aquatic Toxicity: NK | No Physical Hazards Present |

| Hazard Statements: | Precautionary Statements: |
|--|---|
| H316: Causes mild skin irritation H320: Causes eye irritation H335: May cause respiratory irritation (when sprayed as mist) H303: May be harmful if swallowed | P101: If medical advice is needed, have product container or label at hand P102: Keep out of reach of children P103: Read label before use P262: Do not get in eyes, on skin, or on clothing P280: Wear protective gloves/protective clothing/eye protection/face protection P281: Use personal protective equipment as required P353: Rinse skin with water/shower |

SECTION 2 NOTES:

BROWN TO GREYISH-BROWN PELLETS WITH WAXY APPEARANCE

NO KNOWN TOXIC EFFECTS ASSOCIATED WITH PRODUCT.

PRIMARY ROUTE FOR ENTRY IN PELLET FORM IS SKIN CONTACT. WHEN PRODUCT IS SPRAYED AS A MIST ENTRY INCLUDES EYE AND SKIN CONTACT, INHALATION, AND INGESTION.

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS:

-NON-IONIC SURFACTANT BLEND – 80% BY WEIGHT - PROPRIETARY* BLEND OF POLYOXYALKYLENES, SILICONE, ALKYL ETHOXYLATES

-SEAWEED EXTRACT (ASCOPHYLLUM NODOSUM) – 20% BY WEIGHT - CAS REG. NUMBER: 84775-78-0

*AS PER 29 CFR §1910.1200, THE SPECIFIC CHEMICAL IDENTITY AND/OR EXACT PERCENTAGE (CONCENTRATION) OF COMPOSITION HAS BEEN WITHHELD AS A TRADE SECRET.

NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT.

SARA 313 REPORTABLE - ***NO TOXIC CHEMICAL(S) SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III AND 40 CFR 372 ARE PRESENT.***

SECTION 2 NOTES:

SECTION 4: FIRST AID MEASURES

IF INHALED: Move individual to fresh air and check to assure adequate respiration. Seek medical attention if necessary.

IF ON SKIN (OR HAIR): Remove contaminated clothing and immediately wash affected area with large amounts of water for at least 5 minutes. If irritation or redness persists, seek medical attention.

IF IN EYES: DO NOT RUB EYES. Rinse cautiously with water for up to 15 minutes while lifting upper and lower eye lids. Remove contact lenses if present and easy to do – continue rinsing. If eye irritation persists, seek medical attention.

IF SWALLOWED: If victim is conscious and able to swallow, quickly give milk or water to dilute. Do not give sodium bicarbonate, vinegar, or fruit juices. Seek medical attention if necessary. Induce vomiting only upon advice from a physician.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: NOT APPLICABLE, MIXTURE CONTAINS NO COMBUSTIBLE GASSES (% BY VOLUME) **LOWER:** NOT APPLICABLE, MIXTURE CONTAINS TO COMBUSTIBLE GASSES

FLASH POINT:

F: SAMPLE BEGINS TO BOIL BUT NO FLASH IS OBSERVED

C: SAMPLE BEGINS TO BOIL BUT NO FLASH IS OBSERVED

METHOD USED:

AUTOIGNITION TEMPERATURE: NOT APPLICABLE, MIXTURE WILL NOT AUTOIGNITE

NFPA HAZARD CLASSIFICATION

HEALTH: NONE

FLAMMABILITY: NONE

REACTIVITY: NONE

OTHER: NONE

HMIS HAZARD CLASSIFICATION

HEALTH: NONE

FLAMMABILITY: NONE

REACTIVITY: NONE

PROTECTION: NONE

EXTINGUISHING MEDIA: FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG, OTHER

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SPECIAL FIRE FIGHTING PROCEDURES: USE EXTINGUISHING MEASURES THAT ARE APPROPRIATE TO LOCAL CONSIDERATIONS AND THE SURROUNDING ENVIRONMENT.

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE, CARBON DIOXIDE

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: IF MATERIAL IS IN PELLET FORM, SHOVEL INTO A PROPERLY LABELED AND CLOSED CONTAINER. IF MATERIAL IS IN LIQUID FORM, COLLECT SPILLED MATERIAL WITH AN INERT ABSORBENT. WHEN ADSORBED, SWEEP UP AND SHOVEL INTO A PROPERLY LABELED AND CLOSED CONTAINER.

DISPOSE OF COLLECTED MATERIAL ACCORDING TO FEDERAL, STATE, AND LOCAL ENVIRONMENTAL REGULATIONS.

SECTION 7: HANDLING AND STORAGE

HANDLING : AVOID BREATHING VAPORS AND MISTS. AVOID DIRECT OR PROLONGED CONTACT WITH SKIN AND EYES. PROVIDE ADEQUATE VENTILATION WHEN ACCESSING OR WORKING WITH OPEN CONTAINERS OR TANKS.

STORAGE: STORE IN TIGHTLY CLOSED CONTAINERS. STORE IN AN AREA THIS IS DRY, WELL-VENTILATED, AWAY FROM IGNITION SOURCES, AND AWAY FROM INCOMPATIBLE MATERIALS (AVOID EXCESSIVE HEAT).

SECTION 7 NOTES: THIS MATERIAL IS BIODEGRADABLE AND NOT CONSIDERED HAZARDOUS. DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS. REGULATIONS MAY VARY DEPENDING ON JURISDICTION. DO NOT CONTAMINATE FEED OR FOOD BY STORAGE OR DISPOSAL.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: IF PRODUCT IS APPLIED (GENERATING MIST) IN CLOSED ENVIRONMENT, USE GENERAL MECHANICAL VENITLATION TO EFFECTIVELY REMOVE AND PREVENT BUILDUP OF VAPOR/MIST.

VENTILATION : RECOMMEND LOCAL EXHAUST WELL VENTILATED

RESPIRATORY PROTECTION: NOT REQUIRED UNDER NORMAL USE. USE LOCAL EXHAUST TO CONTROL VAPORS AND/OR MIST. IF EXCESSIVE VAPOR/MIST IS PRESENT USE APPROPRIATE NIOSH/MSHA APPROVED ORGANIC VAPOR RESPIRATOR.

EYE PROTECTION: IF PELLET IS DISSOLVED INTO WATER, SPLASH PROOF GOOGLES ARE RECOMMENDED WHILE POURING AND HANDLING TO PREVENT EYE CONTACT FROM SPLASH. HAVE EYE WASH STATION AVAILABLE.

SKIN PROTECTION: CHEMICALLY RESISTANT GLOVES ARE RECOMMENDED.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: LONG SLEEVE SHIRT RECOMMENDED. USE COMMON SENSE WHILE OBEYING STANDARD PRACTICES FOR HYGIENE AND CLEANLINESS.

WORK HYGIENIC PRACTICES: WASH HANDS BEFORE EATING, SMOKING, OR USING RESTROOM.

EXPOSURE GUIDELINES: THIS PRODUCT DOES NOT EMIT ANY FORM OF ENERGY, RADIANT OR OTHERWISE.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: BROWN TO GREYISH-BROWN PELLET WITH WAXY APPEARANCE; SOLID

ODOR: FAINT ODOR

PHYSICAL STATE: SOLID PELLET

pH AS SUPPLIED: 6-8

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BOILING POINT: >100°C (212°F) AT 760 mmHg

MELTING POINT: UNKNOWN

FREEZING POINT: < 0°C (32°F)

VAPOR PRESSURE (mmHg): Unknown

VAPOR DENSITY (AIR = 1): GREATER THAN 1

SPECIFIC GRAVITY (H2O = 1): 1.04 G/ML @ 25C

EVAPORATION RATE:

BASIS (=1):

SOLUBILITY IN WATER: INFINITE

PERCENT SOLIDS BY WEIGHT: 0%

PERCENT VOLATILE: NO VOLATILITY PRESENT

VOLATILE ORGANIC COMPOUNDS (VOC): NONE

MOLECULAR WEIGHT: NO DATA PRESENT

VISCOSITY: NO DATA PRESENT

SECTION 9 NOTES:

SECTION 10: STABILITY AND REACTIVITY

STABILITY: STABLE

CONDITIONS TO AVOID (STABILITY): EXCESSIVE HEAT, OPEN FLAME, AND SPARK.

INCOMPATIBILITY (MATERIAL TO AVOID): STRONG BASES, STRONG OXIDIZERS, STRONG REDUCING AGENTS.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: CARBON MONOXIDE, CARBON DIOXIDE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID (POLYMERIZATION): NOT APPLICABLE

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: THIS PRODUCT IS MANUFACTURED FROM NON-TOXIC INGREDIENTS. NO KNOWN TOXIC EFFECTS BEYOND THAT HEREIN STATED (REVERSIBLE SKIN IRRITATION, EYE IRRITATION).

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: NO DATA AVAILABLE

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: FOLLOW MANUFACTURER DIRECTIONS FOR PRODUCT APPLICATION.

RCRA HAZARD CLASS: NOT APPLICABLE

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SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: SeaXtra Water Penetrating Pellet
HAZARD CLASS: NON-HAZARDOUS, NOT A DOT CONTROLLED MATERIAL
ID NUMBER: NOT APPLICABLE
PACKING GROUP:
LABEL STATEMENT:

WATER TRANSPORTATION

PROPER SHIPPING NAME: SeaXtra Water Penetrating Pellet
HAZARD CLASS: NON-HAZARDOUS, NOT A DOT CONTROLLED MATERIAL
ID NUMBER: NOT APPLICABLE
PACKING GROUP:
LABEL STATEMENTS:

AIR TRANSPORTATION

PROPER SHIPPING NAME: SeaXtra Water Penetrating Pellet
HAZARD CLASS: NON-HAZARDOUS, NOT A DOT CONTROLLED MATERIAL
ID NUMBER: NOT APPLICABLE
PACKING GROUP:
LABEL STATEMENTS:

OTHER AGENCIES:

SECTION 14 NOTES:

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): NOT APPLICABLE
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): NOT APPLICABLE
SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): NOT APPLICABLE
311/312 HAZARD CATEGORIES: NOT APPLICABLE
313 REPORTABLE INGREDIENTS: NOT APPLICABLE

STATE REGULATIONS: SOME U.S. STATES REQUIRE PRODUCT REGISTRATION

INTERNATIONAL REGULATIONS: CONSULT LAWS OF APPLICABLE JURISDICTION

SECTION 15 NOTES:

SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

PREPARATION INFORMATION:

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