



**SAFETY DATA SHEET**  
**All-Season Pond Bacteria Blocks/Pellets**

**1. COMPANY AND PRODUCT IDENTIFICATION**

Product Name: <b>All-Season Pond Bacteria; Blocks/Pellets</b>		Date: 01-14-2015
Company: Archway Bio		Recommended Use: Water Clarifier
Address: 4385 E 110 <sup>th</sup> , Grant, MI 49327 USA		Emergency Telephone: 800-424-9300
Phone: 231-834-7720	Fax: 231-834-5537	(CHEMTREC) International: 1-703-527-3887

**2. HAZARDS IDENTIFICATION**

**Ingestion:** Ingestion of large amounts may cause vomiting and diarrhea.  
**Skin Contact:** Mild skin irritant.  
**Eye Contact:** Moderate irritant.  
**Inhalation:** Inhalation of dust may cause mild irritation to mucous membranes, nose and throat.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

This product is a powder containing naturally-occurring viable bacterial cultures in a salt-based carrier.

**HAZARDOUS INGREDIENTS**

<u>Name</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>ACGIH TWA</u>	<u>% BY WEIGHT</u>
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This product does not contain known hazardous materials in reportable levels as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200, except as any listed above.

**4. FIRST AID MEASURES**

**Eye Contact:** Rinse immediately with plenty of water for several minutes holding the eyelids open.  
**Skin Contact:** Wash off immediately with plenty of soap and water. Remove contaminated clothing.  
**Inhalation:** Move the exposed person to fresh air.  
**Ingestion:** Rinse mouth and throat thoroughly with water and then drink some water to dilute.

**Seek medical attention if irritation or any other symptom persists.**

**5. FIRE FIGHTING MEASURES**

**Extinguishing media:** This product is non-combustible. No extinguishing media or special fire-fighting procedures are required. There are no unusual fire or explosion hazards.

**Protective equipment:** Wear suitable respiratory equipment when necessary.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Wear disposable gloves, NIOSH approved dust mask, and eye protection.

**Environmental precautions:** Prevent further spillage, if safe. Accidental releases do not pose environmental risks.

**Clean up methods:** Sweep up. Transfer to suitable, labelled containers for reuse or disposal. Clean spillage area thoroughly with plenty of water and wash residue to drain.

## 7. HANDLING AND STORAGE

**Handling:** Do not breathe dust. Avoid contact with eyes and skin. Adopt good chemical hygiene practices when handling, carrying and dispensing.

**Storage:** Keep in a cool, dry, well-ventilated area. Keep containers tightly closed. Store the product in containers that are labelled correctly, and keep away from children, food items and drinking water.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure limits:** None applicable to raw materials in this product.

**Engineering measures:** Ensure adequate ventilation of the working area.

**Respiratory protection:** If airborne dust generated, wear suitable NIOSH approved dust mask.

**Hand protection:** As a precaution, wear chemical resistance gloves (PVC, neoprene or butyl).

**Eye protection:** Safety glasses or chemical goggles are recommended.

**Protective equipment:** Wash all contaminated clothing before re-use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Off-white pellet/block

**Odor:** Mild Earthy

**pH:** N/A

**Water solubility:** Carrier is soluble / Bacterial Cultures are dispersible

**Boiling Point:** No data available

**Melting Point:** No data available

**Flash Point:** None

**Flammability:** Non-flammable

**Vapor Pressure:** No data available

**Bulk Density:** No data available

## 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions. Hygroscopic but inert under normal conditions.

**Conditions to avoid:** Freezing temperatures or in excess of 120 deg. F.

**Hazardous decomposition products:**

**Incompatibilities:** Possible oxides of carbon (CO, CO<sub>2</sub>)  
Strong acids and alkalis, and strong oxidizing agents may react with product and inactivate bacterial cultures.

**Hazardous Polymerization:** Will not occur.

## 11. TOXICOLOGICAL INFORMATION

**Acute oral LD50:** For Carrier: LD50 (mouse) = 4,000 mg/kg / Not known for mixture.  
**Pathogenic Risk:** Viable bacterial cultures are Class I and non-pathogenic.  
**Carcinogenicity:** **IARC:** NO      **NTP:** NO      **OSHA:** NO

## 12. ECOLOGICAL INFORMATION

**Eco-toxicity:** This product is not expected to be dangerous to the environment with respect to mobility, persistency and biodegradability, bio-accumulative potential, aquatic toxicity, and other data related to eco-toxicity.

## 13. DISPOSAL CONSIDERATIONS

**General Information:** Dispose of in compliance with Federal, State and/or current local authority regulations.

## 14. TRANSPORTATION INFORMATION

**Further information:** This product is classified as a non-hazardous powder for transport.

## 15. REGULATORY INFORMATION

Preparation does not contain ingredients listed as dangerous substances in Annex 1 of the EEC directive 67/548.

## 16. OTHER INFORMATION

Revision Date: 1/14/15

The information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof. The manufacturer/supplier makes no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving it will make their own determination as to its suitability for their purposes prior to use. In no event will the manufacturer/supplier be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information. No representations or warranties, either expressed or implied, of merchantability or fitness for a particular use are made hereunder with respect to this information or the product to which information refers.

End SDS.



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## MATERIAL SAFETY DATA SHEET

### I - PRODUCT IDENTIFICATION

PRODUCT NAME ..... OUTDOOR WATER SOLUTIONS LAKE & POND DYE  
PRODUCT CODE NUMBER .. 055000S110P006  
CHEMICAL FAMILY ..... TRIPHENYL METHANE  
T.S.C.A. STATUS ..... COMPLIANCE

### II - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS: N/A

CURRENT TLV'S: NONE

### III - PHYSICAL DATA

APPEARANCE ..... POWDER  
COLOR ..... BLUE  
ODOR ..... NONE  
SOLUBILITY IN WATER ..... SOLUBLE  
pH ..... N/A

### IV - FIRE AND EXPLOSION DATA

FLASH POINT ..... Not Applicable  
EXTINGUISHING MEDIA ..... Water, Dry Chemical, CO2, Foam  
SPECIAL FIRE FIGHTING PROCEDURES/UNUSUAL  
FIRE OR EXPLOSION HAZARDS: Firefighters should be equipped with protective clothing & self-contained breathing apparatus to protect against potentially toxic & irritating fumes. In case of fire or explosion, keep unnecessary people away. Isolate hazard area & any entry. Stay upwind, out of low areas, and ventilate closed spaces before entering

## V - HEALTH EFFECTS DATA

ANIMAL TOXICITY ORAL - LD50 (INGESTION).....NO DATA  
FISH, LC50 .....NO DATA  
EYE EFFECTS.....MAY CAUSE IRRITATION  
SKIN EFFECTS .....MAY CAUSE IRRITATION  
HUMAN EFFECTS OF OVEREXPOSURE .....CONTACT WITH EYES & SKIN MAY RESULT IN IRRITATION. INGESTION MAY RESULT IN GASTRIC DISTURBANCES. INHALATION MAY CAUSE RESPIRATORY IRRITATION.

## VI - EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT ..... Wash immediately with large amounts of water, occasionally lifting the upper and lower lids until no evidence of product remain. Get medical attention. Do not wear contact lenses while handling.

SKIN CONTACT ..... Wash immediately with soap and plenty of water. If a temporary skin reaction occurs, it should be treated as allergic contact dermatitis. Launder contaminated clothing before reuse.

INGESTION ..... If swallowed, do not induce vomiting. Qualified medical personnel should remove the product by gastric lavage and catharsis. Get medical attention.

INHALATION ..... If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen. Call a physician.

## VII - EMPLOYEE PROTECTION RECOMMENDATIONS

EYE PROTECTION .....Employees should wear protective eye-goggles.

SKIN PROTECTION .....This material may be absorbed via the dermal route if prolonged or widespread skin contact occurs. Employees should avoid skin contact by wearing protective clothing. Long sleeve shirts, pants, rubber gloves, and boots are recommended. Additional protection such as impervious suits are recommended when the potential for dermal contact is significant. Employees should wash their hands and face before eating and drinking and shower thoroughly before leaving work.

RESPIRATORY PROTECTION .....NIOSH approved dust respirator.

VENTILATION .....Use local ventilation if dusting is a problem.

OTHER .....Emergency showers and eye wash stations should be available.

## VIII - REACTIVITY DATA

STABILITY ..... STABLE  
POLYMERIZATION ..... NOT LIKELY  
INCOMPATIBILITY (MATERIALS TO AVOID) ..... NONE KNOWN  
HAZARDOUS DECOMPOSITION PRODUCTS ..... LIKE ANY OTHER ORGANIC PRODUCT  
COMBUSTION WILL PRODUCE CARBON  
DIOXIDE AND MAY PRODUCE CARBON  
MONOXIDE. OXIDES OF NITROGEN AND  
SULFUR MAY ALSO BE PRODUCED.

## IX - SPILL OR LEAK PROCEDURES

IN CASE MATERIAL IS RELEASED/SPILLED: Do not touch or walk through the spilled material: stop leak if you can do it without risk. Take up with sand or other non-combustible absorbent materials and place into containers for later disposal. Scrub spilled area with detergent, flush with copious amount of water.

WASTE DISPOSAL METHOD: Waste disposal should be in accordance with existing federal, state and local environmental regulations.

## X - SPECIAL PRECAUTIONS AND STORAGE DATA

HANDLING AND STORING PRECAUTIONS: Store in dry place, away from excessive heat, in original or similar waterproof container. Reseal container immediately after use. Avoid unnecessary contact.

## XI - SHIPPING DATA

PROPER SHIPPING NAME: NON-HAZARDOUS INK MATERIAL  
D.O.T. HAZARD CLASSIFICATION: NOT REGULATED  
FRT. CLASS PACKAGE: 55

## XII - DISCLAIMER

OUTDOOR WATER SOLUTIONS WARRANTS THAT THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL AND IS REASONABLY FIT FOR THE SPECIFIC PURPOSES REFERRED TO IN ITS DIRECTIONS FOR USE, SUBJECT TO THE INHERENT RISKS REFERRED TO IN THE MATERIAL SAFETY DATA SHEET FOR THIS PRODUCT. OUTDOOR WATER SOLUTIONS MAKES NO OTHER EXPRESSED OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESSED OR IMPLIED WARRANTY. IN NO CASE SHALL OUTDOOR WATER SOLUTIONS BE LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.