



SAFETY DATA SHEET

F-50 Bio Pure

Issue Date 12/14/22

Version 3

Diversified Waterscapes, Inc. urges each customer or recipient of this SDS to study it carefully to become aware of and understand the hazards associated with the product. The reader should consider consulting reference works or individuals that are experts in ventilation, toxicology and fire prevention; as necessary or appropriate to use and understand the data contained in this SDS.

To promote safe handling, each customer or recipient should: (1) notify its employees, agents, contractors and others whom it knows or believes will use this material or the information in this SDS and any other information regarding hazards or safety (2) furnish this same information to each of its customers for the product (3) request its customers to notify their employees, customers and other users of the product of this information.

1. Product & Company Identification

Product Identifier

Product Name F-50 Bio Pure

Chemical Family/Use Mixture

Chemical Name A concentrated, nonpathogenic non-hazardous multi-cultural bacteria blend on a

Details of the Supplier of the Safety Data Sheet

Manufacturer Address

Diversified Waterscapes, Inc.
27324 Camino Capistrano, Suite 213
Laguna Niguel, CA 92677-1118

Emergency Telephone Numbers

Company Phone Number 949-582-5414

Emergency Telephone INFOTRAC

1-353-323-3500 (International)

1-800-535-5053 (North America)

2. Hazards Identification

Signs and Symptoms of Exposure

Mildly irritating to the eyes. Mild skin irritation.

Ingestion Ingestion may result in irritation of the mouth and throat. May cause nausea, vomiting, or diarrhea.

Eye Contact May cause irritation unless immediately rinsed.

Skin Contact May cause irritation upon prolonged contact.

Inhalation May irritate respiratory passages and may affect people with asthma.

3. Composition/Information on Ingredients

<u>Name</u>	<u>CAS#</u>	<u>WT/V%</u>	<u>TLV(ACGIH)</u>
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Formula F-50 Bio Pure is a proprietary composition "not considered hazardous" under the OSHA Hazard Communication Standard CFR Title 29 1910.1200.

4. First Aid Measures

First Aid Measures

Ingestion	Give large amounts of water and induce vomiting. Get immediate medical attention.
Eye Contact	Immediately flush eyes with large amounts of water for at least 15 minutes. Seek medical attention if irritation persists.
Skin Contact	Flush skin with large amounts of water. Remove any contaminated clothing and wash before reuse. Seek medical attention if irritation occurs.
Inhalation	If symptoms are experienced, remove source of contamination and/or move victim to fresh air. If breathing is difficult, have trained personnel administered oxygen. If respiration stops, have trained personnel administer artificial respiration. Get medical attention immediately.

5. Fire-Fighting Measures

Flash Point	None
Extinguishing Media	Water fog or fine spray, carbon dioxide, dry chemical or foam.

Special Fire Fighting Protective Equipment

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental Release Measures

Personal Precautions	Isolate area. Keep unnecessary personnel away. Keep out of low areas. Ventilate closed spaces before entering.
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Methods for Clean-Up	Wear appropriate protective equipment and clothing during clean-up.
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7. Handling and Storage

Handling	Avoid contact with skin and eyes. Wash hands thoroughly after handling.
Storage	Store this product below 100° F and do not freeze. Store in a cool, dry well-ventilated area away from heat and out of direct sunlight. For best results use within 12 months. Never commingle with bactericides or quaternary disinfectants, as they will degrade/inactivate bacteria.

8. Exposure Controls/Personal Protection

General	Eye wash fountain is recommended.
Eyes	Wear chemical goggles
Skin	Wear suitable protective clothing. Use impervious gloves.

9. Physical and Chemical Properties

Solubility in water	Moderate – disperses in water	Appearance	Light brown grain
pH	Not applicable	Odor	Bland

10. Stability and Reactivity

Chemical Stability	Stable at normal conditions.
Incompatible Materials	Strong acids as they may inactivate cultures.
Hazardous Decomposition Products	Oxides of carbon and nitrogen.
Conditions to Avoid	See Section 7

11. Toxicology Information

Toxicology Data Not Applicable

12. Ecological Information

Ecotoxicity Readily biodegradable

13. Disposal Considerations

Disposal Instructions Dispose in accordance with all applicable regulations. All wastes must be handled in accordance with local, state, and federal regulations. Regulations vary.

14. Transportation Information

General Information Non-hazardous

US DOT

Proper Shipping Description NMFC 20400 Dry bacteria
Class 60

15. Regulatory Information

TSCA Inventory Status This product and/or all of its components are either included on or exempt from the TSCA Inventory of Chemical Substances.

DSL (Canada) This product and/or all of its components are either included on or exempt from the Domestic Substances List.

16. Other Information

HMIS Ratings Health: 1
Flammability: 0
Physical hazard: 0

NFPA Ratings Health: 1
Flammability: 0
Reactivity: 0

Disclaimer The information contained herein is based on data considered accurate. However; no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Diversified Waterscapes, Inc. assumes no responsibility for personal injury or property damage to the Vendee, Users or Third Parties caused by the material. Such Vendees or Users assume all risks associated with the use of this material.

End of Safety Data Sheet