



# SAFETY DATA SHEET

**F-51 Sludge Reducing Pellets**

**Issue Date** 30-Jan-15

**Version** 1

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-51 Sludge Reducing Pellets

**Chemical Family/Use** Mixture

**Chemical Name** A concentrated, non-pathogenic non-hazardous multi-cultural bacteria blend and a proprietary blend of trace minerals and organic catalysts for sludge control.

### 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** Chemtrec 1-800-424-9300

## 2. Hazards Overview

**Threshold Limit Value** OSHA nuisance dust limit of 15/mg/m<sup>3</sup> or ACGTH nuisance dust limit of 10/mg/m<sup>3</sup> for the 8-hour time Weighted average.

**Ingestion** May result in irritation of the mouth and throat or cause choking.

**Eye Contact** May cause redness, pain or irritation, and possible corneal injury

**Skin Contact** May cause mild skin irritation after prolonged contact.

**Inhalation** May cause irritation to the lungs and mucus membranes.

## 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-51 Sludge Reducing Pellets is a proprietary composition "not considered hazardous" under the OSHA Hazard Communication Standard CFR Title 29 1910.1200.

#### 4. First Aid Measures

##### First Aid Procedures

<b>Ingestion</b>	Treat symptomatically. If breathing has stopped give artificial respiration. Get immediate medical attention.
<b>Eye Contact</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.
<b>Skin Contact</b>	Flush skin with large amounts of water. Remove any contaminated clothing and wash before reuse. Seek medical attention if irritation occurs.
<b>Inhalation</b>	Remove victim to fresh air. Seek medical attention if irritation occurs.

#### 5. Fire-Fighting Measures

<b>Flash Point</b>	None
<b>Extinguishing Media</b>	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

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

#### 7. Handling and Storage

<b>Handling</b>	Avoid contact with skin and eyes. Wash hands thoroughly after handling.
<b>Storage</b>	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

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

#### 9. Physical Data

<b>Boiling Point</b>	No data	<b>Physical state</b>	Pellet
<b>Solubility in Water</b>	Moderate	<b>Appearance</b>	Tan
<b>pH</b>	6.5 – 7.5	<b>Odor</b>	Mild

#### 10. Stability and Reactivity

<b>Chemical Stability</b>	Stable at normal conditions.
<b>Incompatible Materials</b>	Strong acids as they may inactivate cultures.
<b>Hazardous Decomposition Products</b>	None known.
<b>Hazardous Polymerization</b>	Will not occur.

#### 11. Toxicology Information

<b>Toxicology Data</b>	Not Available
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**12. Ecological Information**

**Ecotoxicity** Not Available

**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