



# SAFETY DATA SHEET

**F-40 Enviro Blue**

**Issue Date 12/14/2022**

**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-40 Enviro-Blue

**Product Description** Acid Dye

### 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

Exposure to unprotected skin areas may cause temporary staining.

### **Acute Overexposure**

No significant health hazard is expected to result under conditions of normal usage of this material. Acute Oral LD<sub>50</sub> in rats – 11.3 g/kg  
Acute inhalation Toxicity LC50 20.1 ml/l (max. concentration obtainable). Not a primary skin or eye irritant.

### **Medical Condition Generally Aggravated by Exposure**

UI – Unavailable information

### **Chemical Listed as Carcinogen or Potential Carcinogen: Animal's**

RTECS BQ4725000 lists a citation from an IARC 15,171.78 wherein the carcinogenic determination of this product is shown to be positive. However, the Food and Drug Administration in its permanent listing FD & C Blue 1 (Federal Register Vol.47 , No. 188, Sep.28,1982) did not concur those findings.

### **OSHA Permissible Exposure Limit ACGIH Threshold Limit Value**

10 mg/m<sup>3</sup> – Total Dust      5mg/m<sup>3</sup> – Respirable Dust  
Same as OSHA Limits

### 3. Composition/Information on Ingredients

<u>Chemical Characterization</u>	<u>CAS#</u>	<u>EINECS Number</u>	<u>Symbol(s)</u>
-	3844-45-9	-	-
<b><u>Hazardous Ingredients</u></b>	None		

### 4. First Aid Measures

#### First Aid Measures

<b>General Advise</b>	If exposed or concerned: Get medical attention
<b>Ingestion</b>	If large amounts of product are ingested, obtain medical attention.
<b>Eye Contact</b>	Immediately flush with plenty of pressure water. If irritation exists, obtain medical attention
<b>Skin Contact</b>	Wash exposed skin areas with soap and water. If irritation exists, obtain medical attention.
<b>Inhalation</b>	Remove patient to fresh air for treatment.

### 5. Fire-Fighting Measures

<b>Flash Point</b>	N/A
<b>Suitable Extinguishing Media</b>	Waterfoam, carbon dioxide, or dry chemical.
<b>Protective Equipment and Precautions for Firefighters</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
<b>Unusual Fire and Explosion Hazard</b>	None Known

### 6. Accidental Release Measures

<b>Methods for Clean-Up</b>	Moisten slightly with water to reduce dusting sweep up spilled material and discard into proper waste container.
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### 7. Handling and Storage

#### Precautions for Safe Handling

<b>Handling</b>	In accord with good manufacturing practices, handle with care and avoid personal contact.
<b>Storage</b>	Store in dry area. Protect containers from physical damage.

### 8. Exposure Controls/Personal Protection

<b>Respiratory protection</b>	An approved dust respirator should be worn.
<b>Ventilation</b>	Sufficient to prevent inhalation of dusts.
<b>Eye Protection</b>	Safety goggles
<b>Protective Glove</b>	Rubber Gloves
<b>Other Protective Clothing or Equipment</b>	N/A

### 9. Physical and Chemical Properties

<b>Vapor Density (air = 1)</b>	N/A
<b>Specific Gravity</b>	N/A
<b>Solubility in Water</b>	N/A
<b>Reactivity in Water</b>	None known
<b>Appearance and odor</b>	Dark blue liquid

### 10. Stability and Reactivity

<b>Chemical Stability</b>	Stable.
<b>Incompatible Materials</b>	None known.
<b>Hazardous Decomposition Products</b>	Burning may yield carbon monoxide.

<b>Unstable Conditions to avoid</b>	None
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**11. Toxicology Information**

**Toxicology Data**            Not available

**12. Ecological Information**

**Ecotoxicity**                Not available

**13. Disposal Considerations**

**Waste Treatment Methods**

**Disposal of Waste**            Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging**    Disposal should be in accordance with applicable regional, national and local laws and regulations

**14. Transportation Information**

**Proper Shipping Name**

Not Regulated

**Hazard Class**

None Assigned

**DOT Identification Number**

NONE

**15. Regulatory Information**

**Information regarding Pollutant Release and Transfer Register (PRTR)**

- 1. **Sort 1. (Item 354)**            Contain cromium compound 3.6ppm, cobalt compound 0.61 ppm
- 2. **Sort 2. (Item 81)**            Not contain

**16. Other Information**

**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