

SAFETY DATA SHEET



F-40 Enviro Blue

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-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 Chemtrec 1-800-424-9300

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 LD₅₀ 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/m³ – Total Dust 5mg/m³ – Respirable Dust
Same as OSHA Limits

3. Composition/Information on Ingredients

Chemical Characterization

CAS#
3844-45-9

EINECS Number

-

Symbol(s)

-

Hazardous Ingredients

None

4. First Aid Measures

First Aid Measures

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

5. Fire-Fighting Measures

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

6. Accidental Release Measures

Methods for Clean-Up	Moisten slightly with water to reduce dusting sweep up spilled material and discard into proper waste container.
-----------------------------	--

7. Handling and Storage

Precautions for Safe Handling

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

8. Exposure Controls/Personal Protection

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

9. Physical and Chemical Properties

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

10. Stability and Reactivity

Chemical Stability	Stable.
Incompatible Materials	None known.
Hazardous Decomposition Products	Burning may yield carbon monoxide.
Unstable Conditions to avoid	None

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 chromium 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.