

SAFETY DATA SHEET



F-10 Foamkill

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-10 Foamkill

Chemical Family/Use Silicone Emulsion

Chemical Name Polydimethylsiloxane emulsion

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

Emergency Overview *Attention!* This material is not considered hazardous by the OSHA Hazard Communication Standard 29 CFR 1910.1200

Ingestion No adverse effects are expected under normal conditions of use.

Eye Contact May cause mild eye irritation.

Skin Contact May cause mild skin irritation

Inhalation No adverse effects are expected under normal conditions of use.

Medical Conditions Aggravated None Known

Subchronic (Target Organ) None Known

Chronic Effects/Carcinogenicity This product or one of its ingredients present 0.1% or more is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.

Routes of Exposure Eyes; Absorption through skin.

3. Composition/Information on Ingredients

Product Composition **CAS#** **WGT.%**

A. Hazardous

B. Non-Hazardous

Silica filled Polydimethylsiloxane >50 %

Water 7732-18-5 <50 %

Ingredients not precisely identified are proprietary or nonhazardous under the OSHA Hazard Communication Standard CFR Title 29 1910.1200.

4. First Aid Measures

FIRST AID PROCEDURES

<u>If Ingestion</u>	Do not induce vomiting. Drink 1 or 2 glasses of water. Consult a physician if necessary. Never give anything by mouth to an unconscious person.
<u>Eye Contact</u>	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.
<u>Skin Contact</u>	Wash off with soap and water. Get medical attention if symptoms occur.
<u>Inhalation</u>	Remove to fresh air.
<u>Note to Physician</u>	Treatment is symptomatic and supportive.

5. Fire-Fighting Measures

<u>Flash Point</u>	-
<u>Method</u>	None
<u>Ignition Temperature</u>	-
<u>Flammable Limits in Air-Lower(%)</u>	not applicable
<u>Flammable Limits in Air-Upper(%)</u>	not applicable
<u>Sensitivity to Mechanical Impact</u>	No
<u>Sensitivity to Static Discharge</u>	Sensitivity to static discharge is not expected.
<u>Extinguishing media</u>	All standard extinguishing agents are suitable.
<u>Special firefighting protective equipment</u>	Firefighters must wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.

6. Accidental Release Measures

<u>Methods for Clean-Up</u>	Wipe, scrape or soak up in an inert material and put in a container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazard. Wear protective equipment as specified in the protective equipment section.
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7. Handling and Storage

<u>Storage</u>	Store at room temperature in the original container. Keep container closed.
<u>Precautions to be taken in Handling and Storage</u>	Avoid contact with eyes. Keep away from children. Do not freeze. Stir well before using. Attention: Not for injection into humans. May generate formaldehyde at temperatures greater than 150° C (300° F). See Section 10 of MSDS for details.

8. Exposure Controls/Personal Protection

<u>Engineering Controls</u>	Eyewash stations; Showers; Ventilation and other forms of engineering controls are preferred for controlling exposures. Respiratory protection may be needed for non-routine or emergency situations.
<u>Respiratory Protection</u>	If exposure limits are exceeded or respiratory irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Supplied air respirators may be required for non-routine or emergency situations. Respiratory protection must be provided in accordance with OSHA regulations (see 29CFR 1910.134). Impermeable or chemical resistant gloves.
<u>Protective Gloves</u>	Impermeable or chemical resistant gloves.
<u>Eye and Face Protection</u>	Safety glasses with side-shields.
<u>Other Protective Equipment</u>	Wear suitable protective clothing and eye/face protection.

EXPOSURE GUIDELINES

<u>Component</u>	<u>CAS RN</u>	<u>Source</u>	<u>Value</u>
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Absence of values indicates none found.

PEL – OSHA Permissible Exposure Limit; TLV-ACGIH Threshold Limit Value; TWA – Time Weighted Average

OSHA revoked the Final Rule Limits of January 19, 1989 in response to the 11th Circuit Court of Appeals decision (AFL-CIO v. OSHA) effective June 30, 1993. See 29 CFR 1910.1000(58 FR 35338).

9. Physical and Chemical Properties

Information on Basic Physical and Chemical Properties

Physical State	Liquid
Odor	Faint
Color	White
<u>Properties</u>	
pH	no data available
Freezing Point	ca. 0° C, 32° F
Melting Point	ca. 0° C, 32° F
Evaporation Rate (Butyl Acetate = 1)	<1
Specific Gravity (Water=1)	ca. 0.98
Density (KG/M3)	980 KG/M3
Acid/Alkalinity (MEQ/G)	no data available
Volatile Organic Content (VOL)	-
Solubility in Water (20°C)	-
Solubility in Organic Solvent (State Solvent)	no data available
VOC Excel. H2O & Exempts (G/L)	5.98

Other Information

10. Stability and Reactivity

Reactivity

Not reactive under normal conditions

Chemical Stability

Stable under normal conditions

Possibility of Hazardous Reactions

None under normal processing

Hazardous Polymerization

Hazardous polymerization does not occur

Hazardous Thermal Decomposition / Combustion Products

After evaporation of water, residue can burn to produce; carbon dioxide (CO₂); Carbon monoxide, Silicone dioxide; formaldehyde. This product contains methylpolysiloxanes which can generate formaldehyde at approximately 300° F (150°C) and above in atmospheres which contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant, and potential cancer hazard.

Incompatibility

(Materials to Avoid)

None known.

Conditions to Avoid

None known.

11. Toxicology Information

Information on Likely Routes of Exposure

Product Information

Acute Oral	None known.
Acute Dermal	None known.
Acute Inhalation	None known.
Other	No data available
Sensitization	No data available
Skin Irritation	Species: rabbit; Result: Minimal irritation. The toxicological data has been taken from products of similar composition.
Eye Irritation	No eye irritation. The toxicological data has been taken from products of similar composition.
Mutagenicity	No data available.

12. Ecological Information

<u>Ecotoxicity</u>	No data available
<u>Chemical Fate</u>	No data available
<u>Distribution</u>	No data available

13. Disposal Considerations

Waste Treatment Methods

Disposal of Wastes	Disposal should be in accordance with applicable regional, national and local laws and Regulations.
Contaminated Packing	Disposal should be in accordance with applicable regional, national and local laws and Regulations.

14. Transportation Information

<u>General Information</u>	Not regulated.
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15. Regulatory Information

<u>Inventories</u>	
Canada DSL Inventory	y(positive listing)
Japan Inventory of Existing & New Chemical Substances (ENCS)	y(positive listing)
Korea Existing Chemicals Inventory (KECI)	y(positive listing)
China Inventory of Existing Chemical Substances	y(positive listing)
Australia Inventory of Chemical Substances (AICS)	y(positive listing)
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	y(positive listing)
TSCA list	y(positive listing)
Canada NDSL Inventory	n(Negative listing)
For inventories that are marked as quantity restricted or special cases, please contact DWI.	

15. Regulatory Information (Continued)**US Regulatory Information****CERCLA Product Composition****Chemical****CERCLA Reportable Quantity****Clean Air Act****Clean Water Act****SARA Section 302****SARA (311,312) Hazard Class**

No SARA Hazards

SARA Chemicals**Canada Regulatory Information****WHMIS Hazard Class**

Non-Controlled

Other**SCHDLE B/HTSUS:****ECCN:****California Proposition 65:** This product does not contain any chemicals known to the State of California to cause cancer, birth defects or any other harm.**16. Other Information****Disclaimer**

Neither the manufacturer nor the seller makes any warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer/User assumes all risk and responsibility for personal injury or property damage caused by the material. Read and follow the label directions carefully.

End of Safety Data Sheet