

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)

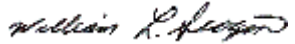
Form Approved

Canada

OMB No. 1218-0072

IDENTITY	Micro-Blaze Out Plus[®] 3% x 3% AR-AFFF	<i>Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.</i>
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Section I

Manufacturer's name	Verde Environmental, Inc.	Emergency Telephone Number	800 / 626-6598
Address	9223 Eastex Freeway	Telephone Number for Information	713 / 691-6468
	Houston, Texas 77093-7001	Date Prepared	01 / 01 / 2010
N / A - Not Applicable NDA - No Data Available		Signature of Preparer	 William L. Scogin, President

Section II—Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	CAS No.	OSHA PEL	ACGIH TLV	Acute Toxicity Data
PART A – HAZARDOUS INGREDIENTS				
<i>Principal Hazardous Component(s)</i> <i>(chemical and common names)</i>				
Fluorinated Surfactant**	Confidential	100	100	

** : One ingredient in this proprietary compound has the above PEL/TLV limits; however, in its liquefied state, there is minimal exposure through inhalation routes as noted.

PART B – OTHER INGREDIENTS

<i>Other component(s) (chemical and common names)</i>				
Proprietary mixture of hydrocarbon surfactants, poly-saccharides, inorganic salts, glycols, isothiazolinone, water, and viable bacterial cultures		N / A	N / A	N / A

Section III—Physical/Chemical Characteristics

Boiling Point	97° C	Specific Gravity (H ₂ O = 1)	1.02
Vapor Pressure (mm Hg)	NDA	Melting Point	N / A
Vapor Density (AIR = 1)	1	Evaporation Rate (Butyl Acetate = 1)	< 0.4
Solubility in Water	100%		
Appearance and Odor	Moderately viscous, light tan liquid		

Section IV—Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
None to Boiling	Non-flammable	----	----
Extinguishing Media	Non-flammable		
Special Fire Fighting Procedures	None, this is an extinguishing agent		
Unusual Fire and Explosion Hazards	None – NON-HAZARDOUS		

Section V—Reactivity Data			
Stability	Unstable		Conditions to Avoid N / A
	Stable	XXXX	
Incompatibility (<i>Materials to Avoid</i>) Strong acids or alkali compounds may inactivate biological cultures.			
Hazardous Decomposition or Byproducts None Known			
Hazardous Polymerization	May Occur		Conditions to Avoid N / A
	Will Not Occur	XXXX	
Section VI—Health Hazard Data			
Route(s) of Entry	Inhalation?	Skin?	Ingestion
Health Hazards (<i>Acute and Chronic</i>) May cause diarrhea if ingested in large amounts. Organisms used are non-pathogenic. These organisms are susceptible to commonly used antibiotics.			
Carcinogenicity	N / A	NTP? N / A	IARC Monographs? N / A OSHA Regulated? N / A
Signs and Symptoms of Exposure Skin: slight redness on hands and forearms if individual has a history of dermal allergic reaction. Inhalation: if inhaled, remove victim to fresh air. Give oxygen or artificial respiration as needed. Obtain emergency medical attention.			
Medical Conditions			
Generally Aggravated by Exposure Dermal allergic reaction on skin if susceptible person has continual exposure.			
Emergency and First Aid Procedures Ingestion: Drink water or milk to dilute. Induce vomiting only if advised by physician or poison control center.			
Section VII—Precautions for Safe Handling and Use			
Steps to Be Taken in Case Material Is Released or Spilled Rinse floor thoroughly as material is very slippery.			
Waste Disposal Method Disposal of this product or its residue must be done in accordance with all local, state and Federal requirements.			
Precautions to Be Taken in Handling and Storing Avoid eye contact.			
Other Precautions To maintain shelf life, avoid temperatures under 32° or over 120° F for long periods of time. Microbes are viable up to 180° F. KEEP FROM PROLONGED FREEZING.			
Section VIII—Control Measures			
Respiratory Protection (<i>Specify Type</i>) None required with adequate ventilation.			
Ventilation	Local Exhaust		Special
	Mechanical (<i>General</i>)		Other Normal room ventilation.
Protective Gloves	None required.	Eye Protection	Avoid eye contact, goggles recommended
Other Protective Clothing or Equipment None required, rubber or latex recommended.			
Work/Hygienic Practices Minimize exposure in accordance with good hygiene practices.			

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