



## Safety Data Sheet

### Micro-Blaze CSR® (Concrete Stain Remover)

#### 1. IDENTIFICATION OF THE SUBSTANCE

##### Product identifier

Product Name: Micro-Blaze® CSR (Concrete Stain Remover)  
Product Code: MBCSR

##### Recommended use of the chemical and restrictions on use

Recommended Use: Bioremediation/cleaning  
Uses advised against: Please refer to Product Data Sheet

##### Details of the supplier of the Safety Data Sheet

Contact Manufacturer: Verde Environmental, Inc.  
9223 Eastex Freeway  
Houston, TX USA 77093  
Information Telephone Number: 1-713-691-6468  
Emergency Telephone Number: 1-800-424-9300 (Chemtrec) 24 hours every day

#### 2. HAZARDS IDENTIFICATION

##### Classification

Classification of the product is in accordance with 29CFR 1910.1200

Acute toxicity – Oral	Category 4
Serious eye damage/eye irritation	Category 2A
Skin corrosion/irritation	Category 2

##### Label elements

##### Emergency Overview

##### Warning

##### Hazard statements

Causes skin irritation  
Causes serious eye irritation  
May be harmful if swallowed



**Appearance:** Opaque

**Physical State:** Liquid

**Odor:** Slight fermentation odor



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#### Precautionary Statements – Prevention

Wear eye/face protection. Wear protective gloves. Avoid breathing dust/fume/gas/mist/vapors/spray.

#### Precautionary Statements – Response

<b>Eyes</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
<b>Skin</b>	IF ON SKIN: Gently wash with plenty of soap and water
<b>Inhalation</b>	IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing
<b>Ingestion</b>	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

#### Precautionary Statements – Storage

Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F

#### Precautionary Statements – Disposal

Dispose of unused product and container in accordance with all applicable local and regional requirements

#### Hazards not otherwise classified (HNOC)

Not applicable

#### Other information

Health Hazard	1
Fire Hazard	0
Reactivity	0

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	Weight - %
Water and Proprietary Viable Spore Forming Cultures	> 80
Proprietary blend of Ethoxylated Alcohols and other Organic materials	3 – 9

### 4. FIRST AID MEASURES

#### First aid measures

<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes
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<b>Skin Contact</b>	Wash off immediately with soap and plenty of water
<b>Inhalation</b>	Move to fresh air
<b>Ingestion</b>	Clean mouth with water and afterwards drink plenty of water

#### **Most important symptoms and effects, both acute and delayed**

**Main symptoms** No information available

#### **Indication of any immediate medical attention and special treatment needed**

**Notes to physician** Treat symptomatically

### **5. FIRE FIGHTING MEASURES**

#### **Suitable Extinguishing Media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

#### **Specific Hazards Arising from the Chemical**

No information available

#### **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

### **6. ACCIDENTAL RELEASE MEASURES**

#### **Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Ensure adequate ventilation

#### **Environmental precautions**

**Environmental Precautions** It is not anticipated to be hazardous for the environment

#### **Methods and material for containment and cleaning up**

**Methods for Clean-up** Pick up and transfer to properly labeled containers

### **7. HANDLING AND STORAGE**

#### **Precautions for safe handling**

**Handling** Handle in accordance with good industrial hygiene and safety practice

#### **Conditions for safe storage, including any incompatibilities**



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<b>Storage Conditions</b>	Keep containers tightly closed in a dry, cool and well-ventilated place
<b>Packaging Material</b>	There could be many packaging types for the product. The details are given in other Verde Environmental, Inc. documents
<b>Incompatible Materials</b>	Strong acids or alkali compounds and strong oxidizing agents may inactivate biological cultures

#### 8. EXPOSURE CONTROL/PERSONAL PROTECTION

##### Individual protection measures, such as personal protective equipment

<b>Eye Protection</b>	Avoid contact with eyes
<b>Skin and body protection</b>	No special technical protective measures are necessary
<b>Respiratory protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment
<b>General Hygiene Considerations</b>	Handle in accordance with good industrial hygiene and safety practices

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Liquid
<b>Appearance</b>	Opaque
<b>Odor</b>	Slight fermentation odor
<b>Odor Threshold</b>	No information available

<u>Property</u>	<u>Values</u>
<b>pH</b>	7.0 – 9.0
<b>Melting/freezing point</b>	No information available
<b>Evaporation rate VALUE</b>	No information available
<b>Flammability (solid, gas)</b>	No information available
<b>Burning rate 100mm VALUE</b>	No information available
<b>Vapor pressure</b>	No information available
<b>Vapor density</b>	No information available
<b>Specific gravity</b>	No information available
<b>Water solubility</b>	No information available
<b>Solubility in other solvents</b>	No information available
<b>Partition Coefficient (n-octanol/water)</b>	No information available
<b>Autoignition temperature</b>	No information available
<b>Decomposition temperature</b>	No information available
<b>Viscosity of product</b>	No information available
<b>Viscosity</b>	No information available
<b>Explosive properties</b>	No information available
<b>Oxidizing properties</b>	No information available

##### Other Information



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Softening Point	No information available
VOC Content	No information available
Density	No information available

#### 10. STABILITY AND REACTIVITY

##### Reactivity

No data available

##### Chemical stability

Stable under recommended storage conditions

##### Possibility of Hazardous Reactions

No information available

##### Conditions to avoid

Extremes of temperature and direct sunlight. Stable under normal conditions. Excessive temperature variations below 32°F or above 155°F

##### Incompatible materials

Strong acids or alkali compounds and strong oxidizing agents may inactivate biological cultures

##### Hazardous Decomposition Products

No information available

#### 11. Toxicological Information

##### Information on likely routes of exposure

Inhalation	There is no data available for this product
Eye contact	Avoid contact with eyes. Severely irritating to eyes
Skin contact	Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
Ingestion	Ingestion may cause stomach discomfort

##### Information on toxicological effects

Symptoms	No information available
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##### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	No information available
Mutagenic Effects	No information available
Reproductive Effects	No information available



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Specific target organ systemic toxicity No information available  
Aspiration hazard No information available

#### 12. ECOLOGICAL INFORMATION

##### Ecotoxicity

None known

Chemical Name	Dahnia, acute	Algae, acute	Fish, acute
Proprietary blend of Ethoxylated Alcohols	EC50 (48 hours): 5-10 mg/l	EC50 (72 hours): 10- 100 mg/l	LC50: 1-10 mg/l

##### Persistence/Degradability

The organic components of the product are biodegradable.

##### Bioaccumulation/Accumulation

No information available

Chemical Name	Persistence and degradability	log Pow
Proprietary blend of Ethoxylated Alcohols	Readily biodegradable (OECD TG 301B)	<0

##### Other adverse effects

No known effect

#### 13. DISPOSAL CONSIDERATIONS

##### Waste treatment methods

**Waste Disposal Method** Dispose of contents/container in accordance with local regulation

**Contaminated Packaging** Empty containers should be taken for local recycling, recovery or waste disposal

#### 14. TRANSPORT INFORMATION

**Transport regulations:** No dangerous goods according to transport regulations  
No special precautions required

**Transport hazard class(es):** N/A

**Packing group:** N/A

**Environmental hazards:** N/A



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#### 15. REGULATORY INFORMATION

##### **International Inventories**

###### **Legend:**

*TSCA* – United States Toxic Substances Control Act Section 8(b) Inventory

*DSL/NDSL* – Canadian Domestic Substances List/Non-Domestic Substances List

##### **Federal Regulations**

###### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and 40 CFR Part 372.

###### **SARA 311/312 Hazardous**

###### **Categorization**

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

###### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

###### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

##### **State Regulations**

###### **California Proposition 65**

This product does not contain any Proposition 65 chemicals

###### **State Right-to-Know**

###### **U.S. EPA Label Information**

EPA Pesticide Registration Number	Not Applicable
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###### **Canada**

###### **WHMIS Statement**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.



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<b>16. OTHER INFORMATION</b>
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**Revision date:** 01.22.21

**Revision Summary**

No information available

**Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text. Furthermore, as the conditions of use are beyond the control of Verde Environmental, Inc., it is the responsibility of the customer to determine the conditions of safe use of this preparation.