



MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name	TERRAGREEN DEGREASER SC
Product number	192027 / 193017
Revision date	20-Feb-2008
Company information	Brulin & Company, Inc. P.O. Box 270 Indianapolis, IN 46206 US www.Brulin.com
Emergency	CHEMTREC 1-800-424-9300
General information	Phone: 317-923-3211 Fax: 317-925-4596

2. Hazards Identification

Emergency overview	Contact with this material can cause irritation to the skin, eyes and mucous membranes.
Potential short term health effects	
Eyes	Can cause severe eye irritation.
Skin	This product may cause irritation to the skin.
Inhalation	This product may cause slight irritation to the respiratory system.
Ingestion	May cause temporary irritation of the throat, stomach, and gastrointestinal tract.

3. Composition / Information on Ingredients

Composition comments	The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.
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4. First Aid Measures

First aid procedures	
Eye contact	Flush eyes with water as a precaution. Remove contact lenses. Get medical attention if irritation develops or persists.
Skin contact	Wash with water and soap as a precaution. Remove contaminated clothing. Launder contaminated clothing before reuse. Get medical attention if irritation develops or persists.
Inhalation	Remove to fresh air. If breathing is difficult, give oxygen. If the affected person is not breathing, apply artificial respiration. Get medical attention immediately.
Ingestion	Do not induce vomiting. Give victim water or milk. Never give anything by mouth to an unconscious person. Get medical attention immediately.
General advice	If you feel unwell, seek medical advice (show the label where possible).

5. Fire Fighting Measures

Extinguishing media	
Suitable extinguishing media	Water (preferred), dry chemical, foam.

6. Accidental Release Measures

Environmental precautions	Prevent further leakage or spillage if safe to do so.
Methods for containment	Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible.

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Methods for cleaning up

Never return spills in original containers for re-use.

Large Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Dike far ahead of liquid spill for later disposal. Neutralize spill with a weak acid such as vinegar or acetic acid. After removal flush contaminated area thoroughly with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean contaminated surface thoroughly.

7. Handling and Storage

Handling

Keep container closed. Handle and open container with care. Wash hands after handling and before eating.

Storage

Manufacturer recommends storing above 40 F.

8. Exposure Controls / Personal Protection

Personal protective equipment

Eye / face protection

Wear eye/face protection.

Skin protection

The use of neoprene gloves is recommended. The use of butyl rubber gloves is recommended. The use of polyvinyl chloride gloves is recommended.

Respiratory protection

No personal respiratory protective equipment normally required.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with the skin and the eyes.

9. Physical & Chemical Properties

Appearance

Liquid.

Color

dark blue green

Form

Liquid.

Odor

mild

Odor threshold

Not available

pH

11.8 - 12.2

Freezing point

Not available

Boiling point

215 °F

Flash point

> 215 Pensky-Martens Closed Cup

Flammability limits in air, lower, % by volume

Not available

Flammability limits in air, upper, % by volume

Not available

Vapor pressure

Not available

Vapor density

Not available

Specific gravity

1.08

Solubility (H2O)

100 %

VOC (Weight %)

0 %

10. Chemical Stability & Reactivity Information

Incompatible materials

Strong oxidizing agents. Strong acids.

Hazardous decomposition products

Carbon monoxide and carbon dioxide.

11. Toxicological Information

Acute effects

Incomplete toxicological data are available for this product.

Further information

This product has no known adverse effect on human health.

12. Ecological Information

Ecotoxicity This material is not expected to be harmful to aquatic life.

13. Disposal Considerations

Disposal instructions Dispose in accordance with all applicable regulations. This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste.

14. Transport Information

Department of Transportation (DOT) Requirements

Not regulated as dangerous goods.

Department of Transportation (DOT) Requirements NON-BULK

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

15. Regulatory Information

US federal regulations This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
CERCLA/SARA Hazardous Substances - Not applicable.

All components are on the U.S. EPA TSCA Inventory List.

Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous chemical No

CERCLA (Superfund) reportable quantity

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

Section 302 extremely hazardous substance No

Section 311 hazardous chemical No

State regulations This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

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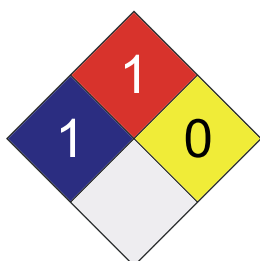
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16. Other Information

HMIS rating

Health	/	1
Flammability		1
Physical Hazard		0
Personal Protection		B

NFPA codes



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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.