

**MATERIAL SAFETY DATA SHEET****1. Product and Company Identification**

<b>Material name</b>	TERRAGREEN DEGREASER
<b>Product number</b>	361008 / 351058
<b>Company information</b>	Brulin & Company, Inc. P.O. Box 270 Indianapolis, IN 46206 US www.Brulin.com
<b>Emergency</b>	CHEMTREC 1-800-424-9300
<b>General information</b>	Phone: 317-923-3211 Fax: 317-925-4596

**2. Hazards Identification**

<b>Emergency overview</b>	Contact with eyes may cause irritation. Contact with skin may cause irritation. This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
<b>Potential health effects</b>	
<b>Eyes</b>	Can cause severe eye irritation. Avoid contact with eyes.
<b>Skin</b>	This product may cause irritation to the skin. Avoid contact with the skin.
<b>Inhalation</b>	Inhalation of vapors in high concentration may cause irritation of respiratory system.
<b>Ingestion</b>	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

**3. Composition / Information on Ingredients**

No hazardous ingredients.

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

<b>First aid procedures</b>	
<b>Eye contact</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops or persists.
<b>Skin contact</b>	Wash off immediately with plenty of water. Launder contaminated clothing before reuse. Get medical attention if irritation develops or persists.
<b>Ingestion</b>	Have victim rinse mouth thoroughly with water. Do not induce vomiting without advice from poison control center. Get medical attention immediately.
<b>Inhalation</b>	If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician if symptoms develop or persist.
<b>General advice</b>	In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

**5. Fire Fighting Measures**

<b>Flammable properties</b>	None known.
<b>Extinguishing media</b>	
<b>Suitable extinguishing media</b>	Use any media suitable for the surrounding fires.
<b>Protection of firefighters</b>	
<b>Protective equipment and precautions for firefighters</b>	Use water spray to cool unopened containers.

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## 6. Accidental Release Measures

<b>Personal precautions</b>	Keep people away from and upwind of spill/leak. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep out of low areas.
<b>Environmental precautions</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for cleaning up</b>	Dike far ahead of liquid spill for later disposal. Soak up with inert absorbent material. Shovel into suitable container for disposal. After removal flush contaminated area thoroughly with water.

## 7. Handling and Storage

<b>Handling</b>	Avoid contact with eyes. Avoid contact with skin. Wear personal protective equipment. Wash thoroughly after handling. Handle and open container with care.
<b>Storage</b>	Keep container tightly closed. Use care in handling/storage. Keep at temperatures between 4 and 49°C.

## 8. Exposure Controls / Personal Protection

<b>Engineering controls</b>	Use general ventilation.
<b>Personal protective equipment</b>	
<b>Eye / face protection</b>	Wear safety glasses with side shields. or goggles
<b>Skin protection</b>	Protective gloves.
<b>Respiratory protection</b>	No personal respiratory protective equipment normally required.
<b>General hygiene considerations</b>	Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical & Chemical Properties

<b>Appearance</b>	clear
<b>Color</b>	blue green
<b>Odor</b>	citrus/floral fragrance added
<b>Odor threshold</b>	Not available.
<b>Form</b>	Liquid.
<b>pH</b>	11.4 (9.6 at 1:64 dilution)
<b>Freezing point</b>	32 °F (0 °C)
<b>Boiling point</b>	212 °F (100 °C)
<b>Flash point</b>	> 212 °F (> 100 °C) Pensky-Martens Closed Cup
<b>Evaporation rate</b>	Not available.
<b>Flammability limits in air, upper, % by volume</b>	Not available.
<b>Flammability limits in air, lower, % by volume</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Specific gravity</b>	1.052
<b>Solubility (water)</b>	100 %
<b>VOC</b>	0.16 %

## 10. Chemical Stability & Reactivity Information

<b>Chemical stability</b>	Stable at normal conditions.
<b>Conditions to avoid</b>	Do not freeze.
<b>Incompatible materials</b>	Strong oxidizing agents. Strong acids.
<b>Hazardous decomposition products</b>	Carbon monoxide and carbon dioxide.
<b>Possibility of hazardous reactions</b>	Will not occur.

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## 11. Toxicological Information

**Local effects** Irritating to eyes. Irritating to skin.

## 12. Ecological Information

**Ecotoxicity** This product is not expected to produce significant ecotoxicity upon exposure to aquatic organisms and aquatic systems.

## 13. Disposal Considerations

**Disposal instructions** 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. Dispose in accordance with all applicable regulations.

## 14. Transport Information

### DOT

Not regulated as hazardous goods.

### IATA

Not regulated as hazardous goods.

### IMDG

Not regulated as hazardous goods.

## 15. Regulatory Information

**US federal regulations** All components are on the U.S. EPA TSCA Inventory List.

### 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.

# TERRAGREEN DEGREASER

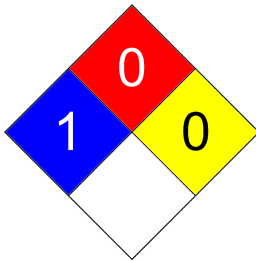
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## 16. Other Information

HMIS rating

Health	/ 1
Flammability	0
Physical Hazard	0
Personal Protection	B

NFPA codes



### 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.

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