



## MATERIAL SAFETY DATA SHEET

### 1. Product and Company Identification

<b>Material name</b>	TERRAGREEN NEUTRAL CLEANER
<b>Product number</b>	193021
<b>Revision date</b>	10-Jan-2007
<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>	<b>CAUTION</b> Health injuries are not known or expected under normal use. No hazards resulting from the material as supplied. This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
<b>Potential short term health effects</b>	
<b>Eyes</b>	Contact with eyes may cause irritation.
<b>Skin</b>	Health injuries are not known or expected under normal use.
<b>Inhalation</b>	Health injuries are not known or expected under normal use.
<b>Ingestion</b>	Intentional misuse by concentrating and inhaling the product can be harmful or fatal. Irritating to mouth, throat, and stomach. Health injuries are not known or expected under normal use.
<b>Potential environmental effects</b>	This material is not expected to be harmful to aquatic life.

### 3. Composition / Information on Ingredients

<b>Composition comments</b>	The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200. No dangerous ingredients according to Directive 2001/58/EC No ingredients are present at or above the minimum concentration specified on the WHMIS Ingredient Disclosure List.
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### 4. First Aid Measures

<b>First aid procedures</b>	
<b>Eye contact</b>	Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Remove contact lenses. Flush eyes with water as a precaution. Get medical attention if irritation develops or persists.
<b>Skin contact</b>	Wash off with soap and water. Get medical attention if irritation develops or persists.
<b>Inhalation</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Ingestion</b>	Immediately give large quantities of water to drink. Never give anything by mouth to an unconscious person. Have victim rinse mouth thoroughly with water. If ingestion of a large amount does occur, seek medical attention.
<b>General advice</b>	If you feel unwell, seek medical advice (show the label where possible).

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## 5. Fire Fighting Measures

### Extinguishing media

**Suitable extinguishing media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Small Fires: Dry chemical, CO<sub>2</sub>, water spray or regular foam.

Large Fires: Water spray, fog or regular 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.

**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.

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

## 7. Handling and Storage

**Handling** Handle and open container with care.

**Storage** Keep at temperatures between 4 and 49°C. Keep out of the reach of children. Use care in handling/storage.

## 8. Exposure Controls / Personal Protection

### Personal protective equipment

**Eye / face protection** Avoid contact with eyes.

**Skin protection** Not normally needed.

**Respiratory protection** No personal respiratory protective equipment normally required.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical & Chemical Properties

<b>Appearance</b>	clear liquid
<b>Color</b>	red pink
<b>Form</b>	Liquid.
<b>Odor</b>	citrus fragrance
<b>Odor threshold</b>	Not available
<b>pH</b>	7 - 8
<b>Freezing point</b>	Not available
<b>Boiling point</b>	212 °F
<b>Flash point</b>	> 212 °F Pensky-Martens Closed Cup
<b>Flammability limits in air, lower, % by volume</b>	Not available
<b>Flammability limits in air, upper, % by volume</b>	Not available
<b>Vapor pressure</b>	Not available
<b>Vapor density</b>	Not available
<b>Specific gravity</b>	1.021
<b>Solubility (H<sub>2</sub>O)</b>	100 %
<b>VOC (Weight %)</b>	2.8 %

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## 10. Chemical Stability & Reactivity Information

<b>Chemical stability</b>	No hazards to be especially mentioned.
<b>Conditions to avoid</b>	Do not freeze.
<b>Incompatible materials</b>	strong acids and oxidizing agents None known.
<b>Hazardous decomposition products</b>	Carbon monoxide and carbon dioxide. Nitrogen oxides (NOx).
<b>Possibility of hazardous reactions</b>	Will not occur.

## 11. Toxicological Information

<b>Further information</b>	This product has no known adverse effect on human health.
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## 12. Ecological Information

<b>Ecotoxicity</b>	Components of this product have been identified as having potential environmental concerns. This material is not expected to be harmful to aquatic life.
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## 13. Disposal Considerations

<b>Disposal instructions</b>	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.
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## 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

<b>US federal regulations</b>	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.
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### Occupational Safety and Health Administration (OSHA)

<b>29 CFR 1910.1200 hazardous chemical</b>	No
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### CERCLA (Superfund) reportable quantity

None

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

<b>Hazard categories</b>	Immediate Hazard - No Delayed Hazard - No Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No
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<b>Section 302 extremely hazardous substance</b>	No
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<b>Section 311 hazardous chemical</b>	No
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## International regulations

The product does not need to be labelled in accordance with EC directives or respective national laws.

## State regulations

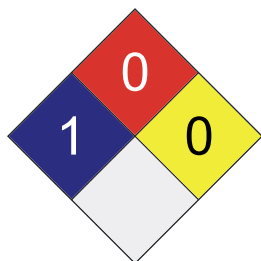
This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

## 16. Other Information

### HMIS rating

Health	/	1
Flammability		0
Physical Hazard		0
Personal Protection		A

### NFPA codes



### Prepared date

10-Jan-2007 15:40:14

### Superseded date

07-Nov-2006 09:11:56

### 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.