



MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name	TERRAGREEN BIO-CLEANER/DEGREASER
Product number	361012
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	Health injuries are not known or expected under normal use. This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Potential health effects	
Eyes	Contact with eyes may cause irritation.
Skin	Health injuries are not known or expected under normal use.
Inhalation	Health injuries are not known or expected under normal use.
Ingestion	Do not ingest. Harmful if swallowed.

3. Composition / Information on Ingredients

No hazardous ingredients.

Composition comments	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

First aid procedures	
Eye contact	Flush eyes with water as a precaution. Get medical attention if irritation develops or persists.
Skin contact	Wash off with soap and water. Get medical attention if irritation develops or persists.
Inhalation	Call a physician if symptoms develop or persist.
Ingestion	Have victim rinse mouth thoroughly with water. If ingestion of a large amount does occur, seek medical attention.
General advice	If you feel unwell, seek medical advice (show the label where possible).

5. Fire Fighting Measures

Extinguishing media	
Suitable extinguishing media	Small Fires: Dry chemical, CO2, 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.

TERRAGREEN BIO-CLEANER/DEGREASER

Product number: 361012

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).

7. Handling and Storage

Handling

Handle and open container with care. When using, do not eat, drink or smoke.

Storage

Use care in handling/storage. Store in cool place.

8. Exposure Controls / Personal Protection

Personal protective equipment

Eye / face protection

Avoid contact with eyes. Wear eye/face protection.

Skin protection

Not normally needed. Wear impervious gloves for prolonged contact.

Respiratory protection

No personal respiratory protective equipment normally required.

General hygiene considerations

When using do not smoke. Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink.

9. Physical & Chemical Properties

Appearance

Hazy

Color

orange

Odor

light citrus

Odor threshold

Not available.

Form

Liquid.

pH

7.3

Freezing point

Not available.

Boiling point

212 °F (100 °C)

Flash point

> 212 °F (> 100 °C) Pensky-Martens Closed Cup

Evaporation rate

Not available.

Flammability limits in air, upper, % by volume

Not available.

Flammability limits in air, lower, % by volume

Not available.

Vapor density

Not available.

Specific gravity

1.003

Solubility (water)

100 %

VOC

0.3 %

Viscosity

water thin

10. Chemical Stability & Reactivity Information

Chemical stability

Stable at normal conditions. No hazards to be especially mentioned.

Conditions to avoid

Do not freeze. Avoid high temperatures.

Incompatible materials

Strong acids, alkalies and oxidizing agents.

Hazardous decomposition products

Carbon monoxide and carbon dioxide.

Possibility of hazardous reactions

Will not occur.

11. Toxicological Information

Further information

This product has no known adverse effect on human health.

12. Ecological Information

Ecotoxicity Components of this product have been identified as having potential environmental concerns. 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

DOT

Not regulated as hazardous goods.

IATA

Not regulated as hazardous goods.

IMDG

Not regulated as hazardous 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.

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

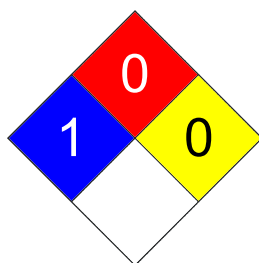
State regulations This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

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.

This data sheet contains changes from the previous version in section(s):

Composition / Information on Ingredients: After Reaction Composition
Physical & Chemical Properties: Physical & Chemical Properties

Issue date

09-24-2010