

MATERIAL SAFETY DATA SHEET
Organic Laundry Detergent

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Product Name: Organic Laundry Detergent
Effective Date: May 1, 2010
Manufacturer: Greenology Products, Inc.
8305 Falls of Neuse Rd., Suite 206
Raleigh, NC 27615
Emergency Phone Number: Transportation Emergency (Chemtel 24 hours): 1-800-255-3924
International Emergency (Chemtel 24 hours): +01-813-248-0585
MSDS and Product Information (8am-5pm EST): 877-473-3650

SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

		CAS #	EXPOSURE LIMITS
PART A:	HAZARDOUS INGREDIENTS: None	N/A	N/A
PART B:	OTHER INGREDIENTS: A proprietary mixture of saponified oils, salt and water.	N/A	N/A

SECTION 3 – HAZARDOUS IDENTIFICATION

EYE: Slight to moderate irritant
SKIN: Prolonged exposure may cause slight irritation.
INGESTION: Swallowing large quantities may cause irritation of the digestive tract.
INHALATION: No adverse effects with normal use.
CARCINOGENICITY: None of the ingredients in this product are listed as a carcinogen by NTP, IARC, or OSHA.

SECTION 4 – FIRST AID MEASURES / OVEREXPOSURE

EYE: Flush eyes with water for at least 15 minutes. If irritation persists, seek medical attention.
SKIN: Not expected to cause irritation to skin. Product may aggravate pre-existing skin disorders. Symptoms include redness, itching, and pain. Wash with large quantities of water. If irritation persists, seek medical attention.
INHALATION: May cause irritation to the respiratory tract. Symptoms may include coughing, shortness of breath. Move to fresh air.
INGESTION: May cause irritation to the gastrointestinal tract. Symptoms may include nausea, vomiting and diarrhea. If swallowed, do not induce vomiting. Consume one or two glasses of water and seek medical attention.

SECTION 5 – FIREFIGHTING MEASURES

FLASHPOINT: Non Flammable
EXTINGUISHING MEDIA: Product is non-flammable. Use media appropriate for surrounding materials water, fog or spray, foam, dry powder, carbon dioxide (CO2)..
SPECIAL FIRE FIGHTING PROCEDURES: None known.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

CLEAN-UP PROCEDURES:

CHEMTEL EMERGENCY NUMBER (24 Hour): 1-800-255-3924

SPILL: In case of spillage, dilute with water to sewer if allowed by local and state regulations. If unable to wash product with water, absorb with inert material (sand or other approved material) and dispose of in accordance with applicable regulations.

RCRA STATUS: None

SECTION 7 – HANDLING AND STORAGE

HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICES. THESE PRACTICES INCLUDE AVOIDING UNNECESSARY EXPOSURE AND PROMPT REMOVAL OF MATERIAL FROM EYES, SKIN, AND CLOTHING.

HANDLING AND STORAGE: No special storage requirements. Do not store above 120 °F.

PRECAUTIONARY

MEASURES: Provide fresh air ventilation during and after application. Close container after each use. Avoid prolonged or repeated contact with skin. Avoid contact with skin, eyes, and clothing. After handling this product, wash hands before eating, drinking, or smoking. If contact occurs, remove contaminated clothing. If needed, take firstaid action shown in Section 4.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

GENERAL CONSIDERATIONS:

Consider the potential hazards of this material (see section 3), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting personal protective equipment.

EYE PROTECTION: Not expected to be needed. Safety glasses meeting the specifications of OSHA 29CFR 1910.133 / ANSI Standard Z87.1 should be worn whenever there is the possibility of splashing or other contact with the eyes.

RESPIRATORY

PROTECTION: Not normally needed. Use NIOSH approved vapor respirator if exposure is unknown or exceeds permissible limits. A respiratory protection program that meets OSHA's 29 CFR 1910.134 or ANSI Z88.2 requirements must be followed whenever workplace conditions warrant respirator use.

Use NIOSH / MSHA approved respiratory protection equipment when airborne exposure limits are exceeded (see below). Consult the respirator manufacturer to determine appropriate type of equipment for a given application. Observe respirator use limitations specified by NIOSH / MSHA or the manufacturer. Respiratory protection programs must comply with 29 CFR 1910.134. **WARNING: Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.**

PROTECTIVE GLOVES:..... Not normally needed. If necessary, wear impervious gloves to protect pre-existing skin disorders.

VENTILATION:..... Local exhaust

MECHANICAL EXHAUST:... Desired in closed places

LOCAL EXHAUST: Recommended

VENTILATION NOTES: Provide natural or mechanical ventilation to control exposure levels below Airborne exposure limits (see below). The use of local mechanical exhaust ventilation is preferred at sources of air contamination such as open process equipment. Consult NFPA Standard 91 for design of exhaust systems.

THRESHOLD LIMIT VALUE: None Established for this Product.

PROTECTIVE EQUIPMENT: HMIS PERSONAL PROTECTION; B: Safety Glasses, Gloves

The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE / ODOR:..... Clear to Slightly Hazy Liquid / Mild Odor

BOILING POINT:..... >212 °F

FREEZING POINT:..... 32 °F

VAPOR PRESSURE: ND

VAPOR DENSITY (AIR=1):... > 1

SPECIFIC GRAVITY: 1.02 - 1.05

pH: 9.0 – 9.6

SECTION 10 – STABILITY AND REACTIVITY

STABILITY:..... Stable

HAZARDOUS

POLYMERIZATION:..... Will Not Occur

POLYMERIZATION AVOID: None

INCOMPATIBILITY: Oxidizers or Oxidizing Materials.

CONDITIONS TO AVOID: Excessive Heat

SECTION 11 – TOXICOLOGICAL INFORMATION

EYE EFFECTS:

The eye irritation hazard is based on data from information supplied by raw material(s) supplier(s).

SKIN EFFECTS:

The skin irritation hazard is based on data from information supplied by raw material(s) supplier(s).

ACUTE ORAL EFFECTS:

The acute oral toxicity is based on data from information supplied by raw material(s) supplier(s).

ACUTE INHALATION EFFECTS:

The acute respiratory toxicity is based on data from information supplied by raw material(s) supplier(s).

SECTION 12 – ECOLOGICAL INFORMATION

Data from laboratory studies and from scientific literature is noted below if available.

SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Treatment, storage, transportation and disposal must be in accordance with Federal, State/Provincial and Local Regulations. Regulations may vary in different locations. Characterization and compliance with applicable laws are the responsibility solely of the generator. Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

SECTION 14 – TRANSPORTATION INFORMATION

The data provided in this section is for information only. The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate regulations to properly classify your shipment for transportation.

PROPER SHIPPING NAME: DOT NON-REGULATED – SOAP 55
REPORTABLE QUANTITY:..None
HAZARD CLASS AND LABEL:NON-REGULATED
UN NUMBER:..... None
NA NUMBER:..... None
PACKAGING SIZE:..... Drum & Bulk

SECTION 15 – REGULATORY INFORMATION

SARA 311 CATEGORIES:

EPA ACUTE:..... Yes (Eyes)
EPA CHRONIC: No
EPA IGNITABILITY:..... No
EPA REACTIVITY:..... No
**EPA SUDDEN RELEASE
OF PRESSURE:**..... No

CERCLA RQ VALUE: None

SARA TPQ:..... None
SARA RQ:..... None
EPA HAZARD WASTE #: None
CLEAN AIR:..... NA
CLEAN WATER: NA
SARA SECTION 313:..... No
NFPA HEALTH: 1
NFPA FLAMMABILITY: 0
NFPA REACTIVITY:..... 0

DEA Chemical Trafficking Act:No

TSCA STATUS:All ingredients in this product are on the TSCA Inventory List.

SECTION 16 – OTHER INFORMATION

FOOT NOTES: NA - NOT APPLICABLE ND - NO DATA AVAILABLE > = GREATER THAN < = LESS THAN

Prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200) and the ANSI MSDS Standard (Z400.1) by the Company Health and Risk Assessment Unit, PO Box 1519, Gretna, LA 70054-1519.

REVISION STATEMENT: Changes have been made throughout this Material Safety Data Sheet. Please read the entire document.

DISCLAIMER:

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