

Material Safety Data Sheet

Section 1 – PRODUCT AND COMPANY IDENTIFICATION

Product Name:
EcoBrite EC Complete Concentrate

Emergency Contact:
CHEMTREC
1-800-424-9300

Supplier/Manufacturer:
EcoBrite, LLC
P.O. Box 25248
Charlotte, NC 28299-2548

Chemical Family:
Surfactants, Enzyme and Organic Acids

Section 2 – COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No	Percent
Water	7732-18-5	> 90 %
Natural Seed Oil Surfactant	Compound	< 10 %
Organic Acids	77-92-9, 50-21-5	< 10 %
Naturally Occurring Nutrients and Biological Stimulates	Proprietary	< 10 %

Section 3 – HAZARDS IDENTIFICATION

Emergency Overview: CAUTION – Mild Eye Irritant
EcoBrite EC is a transparent, tea colored liquid with a mild organic odor

Based upon chemical analysis, ECOBRITE EC contains no known EPA priority pollutants, heavy metals or chemicals listed under RCRA, CERLA, or CWA. All known components of the ECOBRITE EC formulation are listed on the TSCA chemical substance inventory.

Routes of Exposure:

Eye Contact:
Mild Eye Irritant

Skin Contact:

No Adverse effects expected under typical use conditions. Prolonged exposure may cause dryness. The use of gloves or skin moisturizer after washing may remedy this condition.

Some individuals may exhibit an allergic response upon exposure to surfactants The response may appear in a variety of forms ranging from mild irritation and itching to the development of a mild rash.

Ingestion:

Low toxicity if swallowed in small quantities. May cause irritation of the digestive tract and mild diarrhea.

Inhalation:

No adverse effects expected under typical use conditions. Adequate ventilation should be present when using ECOBRITE EC over a prolonged period of time. Open windows or ventilate via fan or other air moving equipment if necessary.

Carcinogenic Potential: No ingredients are listed as a suspected or known carcinogen by NTP, OSHA, or IARC.

Chronic Exposure: No information found

Section 4 – FIRST AID

Eye contact: Reddening may develop. Immediately rinse the eye with large quantities of cool water: continue 10-15 minutes or until the material has been removed: be sure to remove contact lenses, if present, and to lift upper and lower lids during rinsing. Get medical attention if irritation persists.

Skin contact: Minimal effects, if any: rinse skin with water, rinse shoes and launder clothing before reuse. Reversible reddening may occur in some dermal-sensitive users: thoroughly rinse area and get medical attention if reaction persists.

Swallowing: Essentially non-toxic. Give several glasses of water to dilute: do not induce vomiting. If stomach upset occurs, consult physician.

Inhalation: Non-toxic. Exposures to concentrate-mist may cause mild irritation of nasal passages or throat: remove to fresh air. Get medical attention if irritation persists

Section 5 – FIRE & EXPLOSION DATA

ECOBRITE EC is stable, not flammable, and will not burn. No special procedures required.

Flash Point/Auto-Ignition: Not flammable.

Extinguishing Media: Not flammable/non explosive.

Flammability Limits: Not flammable.

Special Fire Fighting Procedures: None required.

Section 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid contact with eyes. Do not rub eyes with hand during cleanup. No special precautions for dermal contact are needed. Wash hand thoroughly after cleaning up spill or leak.

Environmental Precautions: DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS. Solutions of the detergents may be allowed to be flushed down sewer - First check with your local water treatment plant. Recycling is recommended for undiluted scrap product.

Steps To Be Taken in Case Material is Released or Spilled: Wash to sewer with water. Sorbents may be used. Read "Waste Disposal Method" below for further information.

Section 7 – HANDLING & STORAGE

No special precautions are required. This product is non-hazardous for storage and transport according to the U.S. Department of Transportation Regulations. ECOBRITE EC requires no special labeling or placarding to meet U.S. Department of Transportation requirements.

UN Number: Not required.

Dangerous Goods Class: Non hazardous

Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Recommended Exposure Guidelines: None Established

Engineering Controls: None Established

Personal Protective Equipment (PPE): None Established

Eye/Face Protection: None required with normal household use.

Industrial Setting: For splash protection, use chemical goggles. Eye wash fountain is recommended.

Skin Protection: None required with normal household use.

Industrial Setting: Protective gloves (rubber, neoprene) should be used for prolonged direct contact.

Respiratory Protection: No special precautions for casual exposure.

Ventilation Local Exhaust: None required with normal consumer use. *Special:* None

Industrial (General): Normal/general dilution ventilation is acceptable. *Other:* None

Section 9 – PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Transparent Liquid	Vapor Pressure (mm Hg/70°F):	17.5
Odor:	Organic Odor	Vapor Density:	1.3 (air=1)
Physical State:	Liquid	Boiling Point:	212 °F (100°C)
Specific Gravity (H₂O=1):	1.010	Freezing Point:	32°F (0°C)
pH:	4.30	Evaporation Rate:	>1 (butyl acetate =1)
Water Solubility:	Complete		

Section 10 – STABILITY & REACTIVITY

Chemical Stability: Stable

Conditions to Avoid: None known

Incompatible Materials: None known

Hazardous Decomposition Products: None known

Possibility of Hazardous Reactions: None known

Section 11 – TOXICOLOGICAL INFORMATION

No LD50/LC50 information found relating to normal routes of occupational exposure.

Section 12 – ECOLOGICAL INFORMATION

The formulation is known to be readily biodegradable per OECD 301.

No adverse effects to the environment should be expected by using this product.

Section 13 – WASTE DISPOSAL

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 DATA

Hazardous Materials Description/Proper Shipping Name: ECOBRITE EC is not hazardous under U.S. Department of Transportation (DOT) regulations.

Hazard Class: Not Applicable

Identification Number: Not Applicable

Required Label Text: Not Applicable

Hazardous Substances/Reportable Quantities (RQ): Not Applicable

Section 15 - REGULATORY INFORMATION

All intentionally added components of this product are listed in the US TSCA inventory.

Reportable Components: None

RCRA Status: Not a hazardous waste

CERCLA Status: No components listed

SARA Section 313: No components reportable

OSHA: No components considered highly hazardous

CWA: No components are listed as hazardous substances, priority pollutants or toxic pollutants

CA PROP. 65 Status: No components listed

Section 16 – OTHER INFORMATION

The information in this MSDS relates only to the specific material designated herein and does not relate to use in combination with any other material or any process.

Questions about the information found in this MSDS should be directed to:

EcoBrite, LLC
P.O. Box 25248
Charlotte, NC 28299-2548
Ecobritelc.com

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