

MATERIAL SAFETY DATA SHEET

ECO-COAT 1500 DD 11-120-12 "B"

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Eco-Coat 1500 DD 11-120-12 "B"

DISTRIBUTED BY

Eco-Protective Products, LLC
3535 Peachtree Rd. NE Suite 520-643
Atlanta, GA 30326
(770) 757-3713

24 HOUR EMERGENCY TELEPHONE NUMBER

Chemtrec: 800-424-9300

2. INFORMATION ON HAZARDOUS INGREDIENTS

<u>Chemical Name</u>	<u>Wt.%</u>	<u>CAS</u>
Aspartic Ester	55-85	Trade Secret #1
Monoaspartate	<= 15	Trade Secret #2
Aliphatic Carboxylic Ester	<= 8	623-91-6

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Liquid. Various colors, including but not limited to: colorless, gray, tan.

IMMEDIATE CONCERNS: May cause skin, eye, and respiratory tract irritation.

POTENTIAL HEALTH EFFECTS

EYES: Mild irritant.

SKIN: Moderate irritant.

INGESTION: Ingestion may cause irritation of the gastrointestinal tract and gastrointestinal discomfort with any or all of the following symptoms: nausea, vomiting, lethargy, or diarrhea.

INHALATION: Inhalation of vapors or mist at high concentrations can cause respiratory tract irritation. (nose, throat, lungs)

ROUTES OF ENTRY: Inhalation, skin contact, eye contact, ingestion.

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Seek medical attention if irritation persists.

SKIN: Remove contaminated clothing. Wash affected areas thoroughly with soap and water. Wash clothing before reuse. For severe exposure, seek medical attention immediately. For lesser exposure, seek medical attention if swelling or redness occurs, or if irritation persists after being washed.

INGESTION: Do not induce vomiting. Never give anything by mouth to a drowsy or unconscious person. If the individual is conscious, rinse mouth with water. Give 1 to 2 cups of water to drink. Seek immediate medical attention.

INHALATION: Remove individual from exposure, keep warm and at rest. If dizzy or shows signs of respiratory distress, obtain immediate medical attention. Asthmatic-type symptoms may develop and may be immediate or delayed up to several hours.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: > 200 °F - Closed Cup

EXTINGUISHING MEDIA: Dry Chemical, Carbon Dioxide, Chemical Foam, Water Fog or Spray

HAZARDOUS COMBUSTION PRODUCTS: Carbon Monoxide, Carbon Dioxide, Nitrous Oxides, Ammonia

FIRE FIGHTING PROCEDURES: Isolate fuel supply from fire. Use water spray to cool fire-exposed surfaces and containers. Fire fighters should wear self-contained breathing apparatus in addition to emergency fire fighting protective clothing.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Absorb with dry chemical absorbent, earth, sand, or any other inert material. Wear proper personal protective equipment. (See Section 8) Place in a chemical waste container for proper disposal.

LARGE SPILL: Create a dike or trench to contain materials. Prevent entry into waterways, sewers, basements or confined areas. Absorb spill with inert material. Place in a chemical waste container.

7. HANDLING AND STORAGE

HANDLING: Wear proper personal protective equipment. Use in a well ventilated area. Avoid smoking, bare lights, or ignition sources. Keep containers securely sealed when not in use. Avoid physical damage to containers.

STORAGE: Wear proper personal protective equipment. Use in a well ventilated area. Avoid smoking, bare lights, or ignition sources. Keep containers securely sealed when not in use. Avoid physical damage to containers.

STORAGE TEMPERATURE: 60 °F – 120 °F

SHELF LIFE: 6 months

SPECIAL SENSITIVITY: Material is hygroscopic and reacts with water. It will form cured particles or a film when exposed to atmospheric moisture. Blanket containers with nitrogen before resealing.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES:

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

<u>CHEMICAL NAME</u>		<u>EXPOSURE LIMITS</u>					
		<u>OSHA PEL</u>		<u>ACGIH TLV</u>		<u>SUPPLIER OEL</u>	
		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
Aspartic Ester	TWA	NE	NE	NE	NE		
Monoaspartate	TWA	NE	NE	NE	NE		
Aliphatic Carboxylic Ester	TWA	NE	NE	NE	NE		

KEY:

NE = Not Established

ENGINEERING CONTROLS: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields.

SKIN: Wear gloves and clothing to cover exposed skin.

RESPIRATORY: During application, if ventilation is inadequate, use appropriate respiratory protection to protect from overexposure.

WORK HYGIENIC PRACTICES: Follow good normal hygiene practices. Avoid contact with skin. Avoid eating, drinking, or smoking while using this product. Wash hands thoroughly after use.

OTHER PROTECTIVE EQUIPMENT: Safety showers and eye wash stations are recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Slightly musty

COLOR: Colorless, gray or tan

BOILING POINT: Not determined

FREEZING POINT: Not determined
 SOLUBILITY IN WATER: Partially soluble

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Temperature extremes, Container contamination, Moisture.

STABILITY: Stable under recommended storage conditions.

POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide, Carbon Dioxide, Nitrous Oxides, Ammonia.

INCOMPATIBLE MATERIALS: Acids, oxidizing agents.

11. TOXICOLOGICAL INFORMATION

	ORAL LD ₅₀ (rat)	DERMAL LD ₅₀ (rabbit)	INHALATION LC ₅₀ (rat)
Aspartic Ester	> 2000 mg/kg	> 2000 mg/kg (rat)	> 4224 mg/L/4h (respirable aerosol)
Aliphatic Carboxylic Ester	1500-2000 mg/kg		

EYE EFFECTS: Mild Irritant.

SKIN EFFECTS: Moderate Irritant.

CARCINOGENICITY

IARC: Not classified as a carcinogen.

NTP: Not classified as a carcinogen.

OSHA: Not classified as a carcinogen.

12. ECOLOGICAL INFORMATION

COMMENTS: No testing for product as a whole.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Disposal should be in accordance with local, state, provincial or national regulations.

EMPTY CONTAINER: Empty containers should be decontaminated and either passed to an approved drum recycler or destroyed.

RCRA HAZARD CLASS: If discarded as purchased, this material is not a hazardous waste under RCRA 40 CFR 261.

COMMENTS: The generation of waste should be avoided or minimized whenever possible.
Chemical waste, even small quantities, should never be poured down drains, sewers or waterways.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

Not regulated

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Acute

313 REPORTABLE INGREDIENTS: This product does not contain chemicals which exceed their *de minimis* reporting levels.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

This product does not contain chemicals which exceed their *de minimis* reporting levels.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: All ingredients are on TSCA inventory.

RCRA STATUS: Not hazardous if discarded in its purchased form. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

16. OTHER INFORMATION

HMIS RATING: Health - 2, Flammability - 1, Physical Hazard - 1

HMIS RATING NOTES: If present, the asterisk signifies a chronic health hazard.

Rating system: 0 = low hazard to 4 = high hazard

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KEY LEGEND INFORMATION:

ACGIH - American Conference of Governmental Industrial Hygienists
EPA - Environmental Protection Agency
IARC - International Agency for Research on Cancer
NTP - National Toxicology Program
OEL - Occupational Exposure Limit
OSHA - Occupational Safety and Health Administration
PEL - Permissible Exposure Limit
STEL - Short Term Exposure Limit
TLV - Threshold Limit Value
TWA - Time Weighted Average

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