

# MATERIAL SAFETY DATA SHEET

## ECO-PRIME CP101 "B"

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### 1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Eco-prime CP101 "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

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### 2. INFORMATION ON HAZARDOUS INGREDIENTS

<u>Chemical Name</u>	<u>Wt.%</u>	<u>CAS</u>
Castor Oil	80-99	8001-79-4

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### 3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Colorless to light yellow liquid.

IMMEDIATE CONCERNS: Mildly irritating to skin and eyes.

POTENTIAL HEALTH EFFECTS

EYES: Mild irritant.

SKIN: Mild 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: Not a respiratory irritant.

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

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### 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. Seek medical attention if swelling or redness occurs, or if irritation persists after being washed.

INGESTION: If the individual is conscious, rinse mouth with water. Give 1 to 2 cups of water to drink and induce vomiting. Seek medical attention if develop severe gastrointestinal discomfort.

INHALATION: Remove individual from exposure. If dizzy or shows signs of respiratory distress, obtain immediate medical attention.

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## 5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: > 200 °F (93.3 °C) - Closed Cup

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

HAZARDOUS COMBUSTION PRODUCTS: Carbon Monoxide, Carbon Dioxide

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.

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## 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: Absorb with dry chemical absorbent, earth, sand, or any other inert material. Sweep or shovel into open top container and cover. Hose down spill area with detergent and water. May be a slipping hazard.

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## 7. HANDLING AND STORAGE

HANDLING: Wear proper personal protective equipment. Use in a well ventilated area. 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.

STORAGE TEMPERATURE: 60 °F – 120 °F (15.5 °C – 48.9 °C)

SHELF LIFE: 6 months

SPECIAL SENSITIVITY: Material is hygroscopic and will absorb water.

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## 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 <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Castor Oil	<b>TWA</b>	NE	NE	NE	NE		

**KEY:**

NE = Not Established

**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: Mild

COLOR: Colorless light yellow

BOILING POINT: Not determined

FREEZING POINT: Not determined

SOLUBILITY IN WATER: Insoluble

**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

INCOMPATIBLE MATERIALS: Strong acids, bases and oxidizing agents.

**11. TOXICOLOGICAL INFORMATION**

	ORAL LD <sub>50</sub> (rat)	DERMAL LD <sub>50</sub> (rabbit)	INHALATION LC <sub>50</sub> (rat)
Castor Oil	> 5000 mg/kg		

EYE EFFECTS: Mild Irritant.

SKIN EFFECTS: Mild Irritant.

#### CARCINOGENICITY

IARC: Not classified as a carcinogen.

NTP: Not classified as a carcinogen.

OSHA: Not classified as a carcinogen.

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## 12. ECOLOGICAL INFORMATION

COMMENTS: No testing for product as a whole.

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## 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.

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## 14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

Not regulated.

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## 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)

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**16. OTHER INFORMATION**

HMIS RATING: Health - 1, Flammability - 1, Physical Hazard - 0

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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