



MATERIAL SAFETY DATA SHEET

EcoSmart Inc.

MSDS No.: 144-05

Product: e-NRG

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Date Prepared: 09/06/10

Date Printed: 09/06/10

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Material Identity

Product Name: e-NRG

General or Generic ID: 00101

Company Emergency Telephone Number: Chemtrec® 1-800-424-9300

2. COMPOSITION I INFORMATION ON INGREDIENTS

Ingredients CAS Number % (by volume)

Ethyl Alcohol 64-17-5 90-100

Isopropyl Alcohol 67-63-0 5.0 -10.0

Methyl Ethyl Ketone 78-93-3 1.0 -5.0

Appearance and Odor: A clear, colorless liquid with an alcohol odor.

All chemicals contained in this product are listed on the Toxic Substance Control Act (TSCA) Inventory.

3. HAZARDS IDENTIFICATION

Potential Health Effects

Eye: Irritation of eye upon contact.

Skin: Irritation of skin upon contact. May be harmful when absorbed by the skin.

Swallowing: Harmful if swallowed.

Inhalation: Harmful if inhaled.

4. FIRST AID MEASURES

Eyes: Spread eyelids with fingers and flush eye for minimum of 15 minutes; keep rotating the eyes to ensure complete flushing. Call a physician immediately.

Skin: In case of contact, immediately flush skin with plenty of clean running water for a minimum of 15 minutes, while removing contaminated clothing and shoes. Seek medical attention if irritation from contact persists.

Ingestion: If swallowed, induce vomiting only if directed by a physician. Immediately drink a large quantity of water. Call physician. Never give anything by mouth to an unconscious person.

Inhalation: If affected, promptly remove individual to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician.

NFPA CODES: Health = 2 Flammability = 3 Reactivity = 0

5. FIRE FIGHTING MEASURES

Flash Point: 59°F

Extinguishing Media: Foam, CO₂, or dry chemical.

SPECIAL FIRE-FIGHTING PROCEDURES: May produce hazardous fumes or hazardous decomposition products. Vapors from this product may concentrate in confined spaces and form an explosive mixture. When fire fighting, wear full protective equipment, including self-contained breathing apparatus.

6. PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken In Case Material Is Released Or Spilled

Small Spill: Eliminate all ignition sources. Stop spill and use absorbent materials to soak up product.



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Large Spill: Eliminate all ignition sources. Stop spill. Contain spill area by diking, and salvage product using recommended absorbent material. Wearing recommended protective equipment, and using explosion-proof equipment, remove bulk and containerize for product recovery or disposal. Flush area with water; collect rinses for disposal. Prevent product from entering sewer, drains or waterways.

This product, if disposed as shipped, meets EPA criteria of a hazardous waste as specified in 40 CFR 261 on the basis of its ignitability. Dispose of product in a licensed hazardous waste disposal facility in accordance with all applicable laws.

7. PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Use only in well-ventilated area. Keep away from heat and open flames. Use only for intended purpose. Follow label directions. Keep out of reach of children. Keep off skin and out of eyes. Store in a cool place away from sources of ignition. Keep unused material in original container tightly closed. Do not re-use container for material other than original contents. Empty container is hazardous. It can contain flammable residues and flammable/explosive vapors. Do not cut, puncture, or weld on or near this container. Always ground and bond container before transferring.

8. EXPOSURE CONTROLS | PERSONAL PROTECTION

This product is not manufactured to contain a known carcinogen or reproductive toxin. Extremely small amount of these materials may be present in this product from general environmental sources.

Ventilation: Local Exhaust: Required

Special: N/A

Mechanical (general): As a supplement to the local exhaust system.

Other: N/A

Protective Gloves: Nitrile, Neoprene, natural rubber or latex.

Eye Protection: Chemical goggles recommended.

Other Protective Clothing Or Equipment: Rubber boots, rubber apron, eyewash and safety shower.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: A clear, colorless liquid with an alcohol odor

Boiling Point: Not available

Specific Gravity: 0.82 1 @ 60°F

Solubility in Water: Appreciable

10. STABILITY AND REACTIVITY

Conditions To Avoid: Hot storage

Incompatibility: Avoid contact with: acetaldehyde, acids, chlorine, ethylene oxide, isocyanates strong oxidizing agents. Do not use with aluminum equipment at temperatures above 120 degrees.

Stability: Stable

Hazardous Polymerization: Will not occur

Conditions To Avoid: N/A

11. TOXICOLOGICAL INFORMATION

No Data

12. ECOLOGICAL INFORMATION

No Data

13. DOT SHIPPING NAME

DENATURED ALCOHOL, NA 1987, CLASS 3, PG II