

SAFETY DATA SHEET

ECODUR1 PART A

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Ecodur1 - Part A, Ecodur One – Part A

PRODUCT NUMBER: CP-0092

CHEMICAL FAMILY: Plasticized Gypsum Composition

MANUFACTURER/SUPPLIER

Castagra Products, Inc.
 1450 Vassar Street
 Reno, NV 89502
 USA

24 HR EMERGENCY TELEPHONE NUMBERS

Emergency Contact Number: CHEMTREC 1-800-424-9300 / +1 703-527-3887

Non-Emergency Phone Number: +1 888-388-2935

2. HAZARDS IDENTIFICATION

Color: Yellow

PHYSICAL STATE: Opaque liquid

ODOR: Oil smell



EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: Eye, Skin, Digestive Irritant.

POTENTIAL HEALTH EFFECTS

EYES: Prolonged and repeated contact may cause irritation to eyes.

SKIN: Prolonged and repeated contact may cause irritation to skin.

INGESTION: Ingestion may cause irritation to the digestive tract.

INHALATION: None known.

CARCINOGENICITY: Not listed by NTP, IARC, ACGIH, or OSHA as a carcinogen.

ROUTES OF ENTRY: Eyes, Skin, Ingestion.

TARGET ORGAN STATEMENT: Eyes, Dermal, Mouth.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	%W.t	#CAS	#EINECS
Castor Oil	30-60	8001-79-4	232-293-8
Calcium Sulfate dihydrate	10 – 30	13397-24-5	231-900-3
Titanium Dioxide	10 - 30	13463-67-7	236-675-5
Trade Secret	1 - 5	-	-

4. FIRST AID MEASURES

EYES: Flush eye(s) for 15 minutes or more; if irritation persists, consult a physician (preferably an eye specialist) and show MSDS.

SKIN: Wash area thoroughly with soap and water. Remove contaminated clothing. Seek medical attention if symptoms are present after washing.

INGESTION: Seek medical attention immediately. Do not induce vomiting.

INHALATION: Remove individual from site of exposure and place in fresh air. Seek medical attention if breathing is difficult.

ADDITIONAL INFO: Any additional symptoms and effects are described in Section 11.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: Not Determined

AUTOIGNITION TEMPERATURE: Not Determined

FLAMMABLE CLASS: N/A

EXTINGUISHING MEDIA: Alcohol resistant foam, carbon dioxide, dry powder, or water spray.

EXPLOSION HAZARDS: This product has no known explosion hazards.

FIRE FIGHTING PROCEDURES: There are no special firefighting procedures.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

HAZARDOUS COMBUSTION PRODUCTS: Flammable under extreme heat and an ignition source.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Use personal protective equipment and avoid vapors. Do not let enter drains. Soak up with inert absorbent material and dispose according to federal or state regulations.

RELEASE NOTES: In case of accident or road spill notify:

*Emergency number: CHEMTREC 1-800-424-9300 / +1 703-527-3887

7. HANDLING AND STORAGE

HANDLING: MIX WELL BEFORE USE

Provide suitable extraction/ventilation at processing machines and avoid skin/eye contact.

STORAGE: Keep container in cool well-ventilated place. Keep containers tightly closed.

Product degradation to an organic tin salt may occur upon exposure to direct sunlight.

STORAGE PERIOD: 24 Months

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

	OSHA PEL-TWA mg/m ³	ACGIH TLV mg/m ³
Castor Oil	NE	NE
Calcium Sulfate dihydrate	15	10
Titanium Dioxide	15	10
Trade Secret part 1	15	10
Trade Secret part 2	15	10
Trade Secret part 3	15	5

ENGINEERING CONTROLS: Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product. If local exhaust is not available, general (mechanical) ventilation is acceptable, if exposure is maintained below the TLV.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety Goggles recommended for use.

SKIN: PVC gloves are recommended for use.

RESPIRATORY: In case of insufficient ventilation, respiratory protective equipment: Cartridge for organic gasses and vapors.

PROTECTIVE CLOTHING: Impermeable protective clothing is recommended.

WORK HYGIENIC PRACTICES: Avoid breathing dust or mist from solutions. Do not eat, drink, or smoke in work area. Wash hands thoroughly after use.

OTHER USE PRECAUTIONS: None

9. PHYSICAL AND CHEMICAL PROPERTIES

FLASHPOINT METHOD: 235°C (COC) After dehydration

PHYSICAL STATE: Opaque liquid

ODOR: Oil odor

COLOR: Varied

PH: Not Determined

PERCENT VOLATILE: Not Determined

VAPOR DENSITY: Heavier than air

BOILING POINT: Not Determined

MELTING POINT: Not Determined

SOLUBILITY IN WATER: Insoluble

ENTHALPY OF VAPORIZATION: Not Determined

SPECIFIC GRAVITY: 1.4

VISCOSITY: Not Determined

10. STABILITY AND REACTIVITY

STABLE: Chemically stable under normal and anticipated storage and handling conditions.

HAZARDOUS POLYMERIZATION: No.

HAZARDOUS COMBUSTION PRODUCTS: Black smoke, oxides of carbon, oxides of sulfur >1450 °C

CONDITIONS TO AVOID: None

INCOMPATIBLE MATERIALS: Contact with oxidizers may result in a low energy release.

11. TOXICOLOGICAL INFORMATION

ACUTE ORAL: None known

EYE EFFECTS: The toxic effects of this material are not known.

SKIN EFFECTS: The toxic effects of this material are not known.

INHALATION EFFECTS: The toxic effects of this material are not known.

12. ECOLOGICAL INFORMATION

GENERAL COMMENTS: Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

ENVIRONMENTAL DATA:

Component 13397-24-5

Fish **LC50:** Fathead Minnow (*Pimephales promelas*) >1970 mg/L (96hours)

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with local, state, and federal regulations.

PRODUCT DISPOSAL: In accordance with local authority regulations, take to a special waste incineration plant.

EMPTY CONTAINER DISPOSAL: If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

14. TRANSPORT INFORMATION

NON-BULK (I.E. 55 GAL DRUM, 1 GAL JUG) – DOT (DEPARTMENT OF TRANSPORTATION)

NOT REGULATED

PROPER SHIPPING NAME: N/A

PRIMARY HAZARD CLASS/DIVISION: N/A

UN/NA NUMBER: N/A

PACKING GROUP: N/A

BULK (I.E. TANKER, ISO TANK) – DOT (DEPARTMENT OF TRANSPORTATION)

NOT REGULATED

IMDG

NOT REGULATED

ICAO/IATA

NOT REGULATED

ADDITIONAL INFORMATION

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

15. REGULATORY INFORMATION

UNITED STATES:

OSHA HAZARD COMMUNICATION STANDARD

This product is Not Hazardous as defined by the OSHA Hazard Communication Standard.

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES:

FIRE: NO

REACTIVITY: NO

ACUTE: YES

313 REPORTABLE INGREDIENTS: This product contains no SARA Title III, Section 313 listed chemicals.

PENNSYLVANIA RIGHT-TO-KNOW

Castor Oil	8001-79-4
Calcium Sulfate dihydrate	13397-24-5
Titanium Dioxide	13463-67-7

NEW JERSEY RIGHT TO KNOW COMPONENTS

Castor Oil	8001-79-4
Calcium Sulfate dihydrate	13397-24-5
Titanium Dioxide	13463-67-7

MASSACHUSETTS RIGHT TO KNOW COMPONENTS

Calcium Sulfate dihydrate	13397-24-5
Titanium Dioxide	13463-67-7

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: All intentional ingredients are listed in the TSCA Inventory.

16. OTHER INFORMATION

PREPARED BY: CASTAGRA PRODUCTS, INC.

DATE: July 18, 2023

MANUFACTURER DISCLAIMER: The information contained herein is based on data believed to be reliable by CASTAGRA PRODUCTS, INC. It is true and accurate to the best of our knowledge, but is not intended to be all inclusive. Users should consider this information as a supplement to other information gathered by them and must make their own determination of suitability and completeness to assure proper safe use and disposal of these materials.