

## Safety Data Sheet

# Direct DRT

SDS Number: 10676  
SDS Prepared: 03/13/2014  
SDS Version: 1  
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### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Direct DRT  
**CHEMICAL NAME:** Methyl ester, soybean oil  
**CHEMICAL FAMILY:** N/A  
**SYNONYMS:** N/A  
**EPA REGISTRATION NUMBER:** Not Registered

**Manufactured by:**  
Coastal AgroBusiness Inc.  
PO Box 856  
Greenville, NC 27835  
Phone: 1-800-635-1388

**Emergency Telephone Numbers**  
Chemtec (24 hours)  
1800-424-9300  
Coastal AgroBusiness, Inc. (Weekdays – Eastern Standard Time)  
1-800-635-1388

### 2. HAZARDS IDENTIFICATION SUMMARY

**KEEP OUT OF REACH OF CHILDREN – CAUTION-** Harmful if swallowed or inhaled. Can cause skin, mucous membrane and eye irritation. Avoid contact with eyes, skin, or clothing. Avoid breathing vapors or spray mists. Use only with adequate ventilation. Wash thoroughly after handling. Remove and wash contaminated clothing before reuse.

This product is an amber to white liquid with a mild petroleum slight odor. Primary routes of entry are ingestion, inhalation, eye contact and skin contact

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Ingredients:</u>	<u>Percentage by Weight:</u>	<u>CAS No.</u>	<u>PEL/TLV</u>
Modified Vegetable oil, amine salts of organic acids and organic acid	100.0%	Proprietary	NE

### 4. FIRST AID MEASURES

**EYES:** Keep out of eyes. Wear proper eye protection to prevent splash exposure. If exposed, flush eyes for a minimum of 15 minutes with water.  
**SKIN:** May cause mild skin irritation with excessive exposure. Wear proper protection to reduce exposure.  
**INGESTION:** Do not ingest. Wash thoroughly with water and soap prior to eating, drinking, or smoking.  
**INHALATION:** Vapors may cause narcotic reaction in high concentrations. Wear proper respiratory protection for equipment for exposures.

### 5. FIRE FIGHTING MEASURES

**FLASH POINT (°F/Test Method):** >201°F  
**FLAMMABLE LIMITS (LFL & UFL):** Not Applicable  
**EXTINGUISHING MEDIA:** Use foam, dry chemical, or carbon dioxide when fighting fires.

**HAZARDOUS COMBUSTION PRODUCTS:**

None known

**SPECIAL FIRE FIGHTING PROCEDURES:**

Evacuate area and fight fire upwind from a safe distance to avoid possible hazardous vapors and decomposition products. Fire exposed containers can build pressure and should be kept cool with water spray if possible. Explosive vapor could form from ruptured containers. Use SCBA and full fire fighting turn-out gear.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**

None known

## 6. ACCIDENTAL RELEASE MEASURES

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:**

Wear appropriate respiratory and personal protection equipment. Absorb with inert material and place in approved disposal containers.

**CAUTION:** Keep spills and cleaning runoff out of municipal sewers and open bodies of water. Material is slippery when wet.

## 7. HANDLING AND STORAGE

**HANDLING:** Use only in well ventilated area. Loosen closure cautiously before opening as contents may develop pressure upon prolonged storage.

**STORAGE:** Keep container closed when not in use. Keep away from food, feed and drinking water. Store in well ventilated, dry place away from heat and other sources of ignition.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**THRESHOLD LIMIT VALUE:**

N/A

**PERMISSIBLE EXPOSURE LIMIT:**

100 ppm

**SIGNS AND SYMPTOMS OF EXPOSURE:**

Excessive exposures may cause irritation to eyes, nose, throat and lungs.

**MEDICAL CONDITIONS**

Skin disorders, respiratory, pulmonary and lung disorders.

**GENERALLY AGGRAVATED BY EXPOSURE:****PRIMARY ROUTES OF ENTRY:**

Inhalation, absorption.

**ENGINEERING CONTROLS:**

Proper ventilation is required when handling or using this product to keep exposure to airborne contaminants below the exposure limit. Facilities storing or utilizing this material should be equipped with an eyewash facility and safety shower..

**RESPIRATORY PROTECTION:**

When handling in enclosed areas where exposure limits may be exceeded, use a respirator with either an organic vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approved number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G).

**EYE PROTECTION:**

Avoid contact with eyes. Wear full face shield or chemical splash goggles when handling. Do not wear contact lenses.

**SKIN PROTECTION:**

Avoid contact with skin. USDA accepted nitrile or neoprene rubber gloves are recommended. Wear appropriate clothing to prevent repeated or prolonged skin contact.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE AND COLOR:**

Amber to white liquid

**SPECIFIC GRAVITY: (Water=1):**

0.88

**VAPOR PRESSURE:**

NE

**VAPOR DENSITY (Air = 1):**

NE

**% VOLATILITY (V/V):**

NE

**BOILING POINT:** NE  
**MELTING POINT:** NE  
**SOLUBILITY (in water):** Insoluble  
**pH:** Not available  
**VISCOSITY @ 100°F:** NE

Note: These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

## 10. STABILITY AND REACTIVITY

**STABILITY:** Stable, however may decompose if heated  
**CONDITIONS TO AVOID:** High Temperatures  
**INCOMPATIBILITY:** None known  
**HAZARDOUS DECOMPOSITION PRODUCTS:** NE  
**HAZARDOUS POLYMERIZATION:** Will not occur

## 11. TOXICOLOGICAL INFORMATION

**ACUTE ORAL LD<sub>50</sub>:** NE  
**EYE IRRITATION:** Slight  
**INHALATION LC<sub>50</sub>:** NE  
**CARCINOGENETIC POTENTIAL:** This product is not carcinogenic teratogenic or mutagenic as determined by OSHA, NTP, or IARC.  
**ACUTE DERMAL LD<sub>50</sub>:** Slight Irritation  
**SKIN IRRITATION/SENSITIZATION:** Slight irritation

## 12. ECOLOGICAL INFORMATION

Do not apply directly to water, or to areas where surface water is present. Do not contaminate water when disposing of equipment wash waters.

## 13. DISPOSAL CONSIDERATIONS

Do not reuse container. Place in trash or offer for recycling. Incinerate contaminated solids in accordance with local, state, and federal regulations.

**Waste Disposal Methods:** Dispose of in accordance with Local, State and Federal regulations. Incineration in an authorized and permitted thermal treatment facility or chemical or biological treatment in authorized and permitted treatment facilities is recommended. Material collected with absorbent may be disposed of in a permitted landfill in accordance with Federal, State and Local regulations. Triple rinse container and dispose of in accordance with all Local, State and Federal regulations or offer for recycling.

## 14. TRANSPORTATION INFORMATION

**D.O.T. Shipping Description:** NOT REGULATED BY DOT BY HIGHWAY.  
Consult appropriate ICAO/IATA and IMDG regulations for shipment requirements in the Air and Maritime shipping modes.

## 15. REGULATORY INFORMATION

**NFPA & HMIS Hazard Ratings:**

**NFPA**

1 Health  
1 Flammability  
0 Reactivity

**HMIS**

1 Health  
1 Flammability  
0 Reactivity  
C PPE

**SARA Hazard Notification/Reporting****SARA Title III Hazard Category:**

Immediate: N                      Fire: N  
Delayed: N                      Reactive: N  
Sudden Release of Pressure: N  
None

**Reportable Quantity (RQ) under U.S. CERCLA:****SARA, Title III, Section 313:**

Contains no chemical subject to SARA 313

**SARA, Title III, Section 302:**

EHS

None

TPQ

Not Applicable

**RCRA Waste Code:**

Not listed

**CA Proposition 65:**

Not listed

**16. OTHER INFORMATION****SDS STATUS:**

Developed

**REASON FOR CHANGE:**

New Product

**PREPARED BY:**

Tandy O. Dunn, Director of Health, Safety &amp; Environmental Affairs

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