

Safety Data Sheet

CoFilm

SDS Number: 10445
 SDS Prepared: 11/13/2013
 SDS Version: 1.0
 Version Date: 11/03/2013

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: CoFilm
CHEMICAL FAMILY: Terpene Polymers
COMMON NAME: Coastal Honey
EPA REGISTRATION NUMBER: Not Applicable

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 AND ANIMALS– CAUTION: After working with this product, thoroughly clean equipment, wash thoroughly, change clothing, and clean protective gear.

This product is a clear to amber liquid with a moderate terpene odor. Primary route of entry is dermal.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Ingredients:</u>	<u>Percentage by Weight:</u>	<u>CAS No.</u>	<u>PEL/TLV</u>
di-1-p-Menthene	96%	34363-01-04	245mg/m ³
Inert Ingredients	4%	Proprietary	NOL/NOL

*All ingredients in this product are listed in the T.S.C.A. Inventory. This product contains no listed hazardous ingredients.

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least fifteen minutes, holding eyelids apart to ensure flushing of the entire eye surface. Do not let victim rub eyes. Seek medical attention.

SKIN: Remove contaminated clothing and wash with large amounts of soap and water. If irritation develops, contact a physician.

INGESTION: Contact a physician and be prepared to give information contained on this MSDS and/or the product label. Drink 2 glasses of water or milk.

INHALATION: Remove person from area of exposure. Give artificial respiration if necessary. If breathing is difficult, give oxygen if qualified operator is available. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

FLASH POINT (°F/Test Method): >200°F (100°C); Flammability Class: IIIB
FLAMMABLE LIMITS (LFL & UFL): Not determined

EXTINGUISHING MEDIA:	Foam, CO ₂ , dry chemical, water spray, or sand/earth
HAZARDOUS COMBUSTION PRODUCTS:	None known
SPECIAL FIRE FIGHTING PROCEDURES:	Use water spray to keep exposed containers cool. Used SCBA. Use water spray to disperse vapors.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	None known

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Small spills: Remove all sources of ignition. Soak up with absorbent, shovel into a suitable container for recovery or disposal.

Large Spills: Control and contain. Dike the spill to minimize contaminated area and facilitate salvage or disposal. Recover material for use, reprocessing or disposal.

CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

7. HANDLING AND STORAGE

HANDLING: Use with adequate ventilation. Spilled material is tacky. Avoid prolonged or repeated contact with skin. Wash thoroughly with soap and water and after handling. Wash hands before breaks and at end of work.

STORAGE: Keep container closed when not in use. Keep from sources of ignition. Do not contaminate water, food, or feed by storage or disposal.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

THRESHOLD LIMIT VALUE:	Not established
PERMISSIBLE EXPOSURE LIMIT:	Not established
SIGNS AND SYMPTOMS OF EXPOSURE:	Irritation of skin and eyes. Contact with eyes is painful and irritating. Overexposure: Prolonged skin contact may cause moderate irritation. May cause severe eye injury.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:	Contact may cause irritation. Unnecessary exposure to this product or any chemical should be avoided.
PRIMARY ROUTES OF ENTRY:	Dermal, inhalation, or ingestion
ENGINEERING CONTROLS:	Local exhaust: Recommended when appropriate to control employee exposure. Mechanical (general): Not recommended as the sole means of controlling employee exposure.
RESPIRATORY PROTECTION:	None required with adequate ventilation.
EYE PROTECTION:	Avoid contact with eyes. Wear full face shield or chemical safety goggles when handling.
SKIN PROTECTION:	Avoid contact with skin. USDA accepted nitrile or PVC coated gloves are recommended. Wear appropriate clothing to prevent repeated or prolonged skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND COLOR:	Clear to amber liquid, moderate terpene odor
SPECIFIC GRAVITY: (Water=1):	0.92 (+/- 0.05)
VAPOR PRESSURE:	Not determined
VAPOR DENSITY (Air = 1):	Not determined
% VOLATILITY (V/V):	Not determined
BOILING POINT:	Not determined
MELTING POINT:	Not determined
SOLUBILITY:	Emulsifiable
pH:	7 (2% aqueous solution)
VISCOSITY:	~68 cps @ 25°C

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
CONDITIONS TO AVOID:	None with proper handling and storage
INCOMPATIBILITY:	None with proper handling and storage
HAZARDOUS DECOMPOSITION PRODUCTS:	None known
HAZARDOUS POLYMERIZATION:	Will not occur

11. TOXICOLOGICAL INFORMATION

ACUTE ORAL LD₅₀:	>5050 mg/kg
EYE IRRITATION:	Moderate
INHALATION LC₅₀:	>2020 mg/m ³
CARCINOGENETIC POTENTIAL:	This product is not mutagenic, teratogenic, or carcinogenic as determined by OSHA, NTP, or IARC. Note: This product may contain trace amounts of Ethylene Oxide (ETO) which could accumulate in the headspace of storage and transport vessels. Repeated/prolonged exposures may be harmful since ETO is a cancer and reproductive hazard. OSHA has established a 1.0 ppm 8-hour TWA for ETO.
ACUTE DERMAL LD₅₀:	1500 mg/kg
SKIN IRRITATION/SENSITIZATION:	Moderate (Prolonged Exposure)

12. ECOLOGICAL INFORMATION

No data available

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	HMIS
	0 Health 1 Flammability 0 Reactivity	0 Health 1 Flammability 0 Reactivity C PPE
SARA Hazard Notification/Reporting SARA Title III Hazard Category:	Immediate: <u>N</u>	Fire: <u>N</u>
	Delayed: <u>N</u>	Reactive: <u>N</u>
Reportable Quantity (RQ) under U.S. CERCLA:	Sudden Release of Pressure: <u>N</u>	
	Not applicable	

SARA, Title III, Section 313:	None
SARA, Title III, Section 302:	
EHS	None
TPQ	None
RCRA Waste Code:	None
CA Proposition 65:	Not listed

16. OTHER INFORMATION

SDS STATUS:	New
REASON FOR CHANGE:	To meet new regulatory requirements
PREPARED BY:	Tandy O. Dunn, Director of Health, Safety & Environmental Affairs

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