

TEN-TAC

Tobacco Sucker Control Agent

Coastal AgroBusiness, Inc.

PO Box 856

3702 Evans Street

Greenville NC 27835

(252)756-1126

Emergency Phone Numbers:

Chemtrec(24 hrs): 1-800-424-9300

Coastal(Weekdays): 1-800-758-3456

IDENTITY

Trade Name: Ten-Tac '85'

EPA Reg. No.: 5549-74

Synonyms: C₁₀ Fatty Alcohol, Decyl Alcohol, Decanol

Chemical Name: n-Decanol

Common Name: Decanol

Chemical Family: Linear Fatty Alcohol

Molecular Formulas: C₁₀H₂₁-OHMolecular Weight: C₁₀=158.28

INGREDIENT

Component	CAS NO.	WT%	PEL/TLV
n-Decanol(Fatty Alcohol C ₁₀)	00112-30-1	79.0	NE/NE
Emulsifier Blend	09005-65-6	21.0	NE/NE

PHYSICAL AND CHEMICAL CHARACTERISTICS

Appearance and Odor: Clear, colorless to golden liquid, sweet pungent odor.**Boiling Point:** 448-453°F (231-234°C) (Fatty Alcohol)**Melting Point:** 44°F (7°C)**Vapor Pressure:** 0.02 mm Hg @ 70 °F (Fatty Alcohol)**Vapor Density (Air=1):** 4.5 (Fatty Alcohol)**% Volatility (V/V):** 79%**Octanol/H₂O Partition Coef.:** Not Applicable**pH:** 7.3 (5% aqueous solution)**Saturation in air (V/V):** Not Established**Specific Gravity (H₂O=1):** 0.871**Solubility in Water:** Emulsifies**Viscosity:** 24.3 cStokes at 20°C

FIRE AND EXPLOSION DATA

Flash Point: 235.4°F (113°C);**Flammable Limits in Air (% by volume)****Lower:** Approximately 0.7**Upper:** Approximately 4.8**Auto-Ignition Temperature:** 510° F (265°C) Fatty Alcohol**Fire Extinguishing Media:** Water spray, CO₂, dry chemical, foam**Fire Control Tactics:** Cool exposed equipment with water spray. Self-contained positive pressure breathing apparatus should be worn when there is a possibility of exposure to smoke, fumes or hazardous decomposition products. If spill or leak has not ignited, use water spray to disperse the vapors. Water spray may be

used to flush spills away from fire and to dilute spills to nonflammable mixtures.

Unusual Fire and Explosion Hazards: None expected. Fatty alcohols are an NFPA Class IIIB combustible liquid.

NFPA HAZARD RATING

Health Hazard: 1-Slightly Hazardous**Fire Hazard:** 1-Slightly Combustible**Reactivity:** 0**Specific Hazard:** None

REACTIVITY DATA

Stability: Stable**Conditions to Avoid:** High Temperatures**Incompatibility (Materials to Avoid):** Strong oxidizers, inorganic acids and halogens.**Reactivity:** Can react with strong oxidizers, inorganic acids, and halogens.**Hazardous Decomposition Products:** Decomposition of organic materials may produce oxides of carbon.**Hazardous Polymerization:** Will not occur.

HEALTH HAZARD INFORMATION

Threshold Limit Value: No ACGIH TVL**Permissible Exposure Limit:** No OSHA PEL**Warning Statements:** Keep out of reach of children. Do not inhale mists. Avoid contact with eyes, skin and clothing. May cause irritation. Use with adequate ventilation. Wash thoroughly after handling.**Signs and Symptoms of Exposure:** In high concentrations, vapor may cause irritation of the nose and throat, dizziness, and headache. Should not be a hazard at ambient temperatures. Repeated or prolonged contact can cause reddening and scaling of the skin. May cause corneal inflammation. A chronic overexposure may cause depression of the central nervous system.**Medical Conditions Generally Aggravated by Exposure:** Dermatitis**Primary Route of Exposure:** May be harmful if vapor/mist are inhaled at high concentration. No specific data available for ingestion. Moderate eye irritant. Mild skin irritant.

Acute Toxicity Data:

1. Oral Toxicity:

LD₅₀ >4.6 g/kg (decanol)

2. Dermal Toxicity:

LD₅₀ 2.0-4.0 g/kg**3. Inhalation Toxicity:** No effects at one-hour exposure to 71 mg/L.**4. Eye Irritation:** 46 Irritation Index**5. Skin Irritation/Sensitization:** 5.1 Irritation Index**Chronic Toxicity Data:** This product is not mutagenic, teratogenic, or carcinogenic.

Emergency and First Aid Procedures:

1. If swallowed: Call a physician immediately. If instructed to have the victim drink fluids, do not give sodium bicarbonate, fruit juices or vinegar. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.**2. If Inhaled:** Remove to fresh air. If not breathing, give artificial respiration and seek medical attention immediately. Oxygen should only be administered by trained personnel.**3. If in Eyes:** Flush eyes with large amounts of water for at least 15 minutes. . Seek medical aid. Do not let victim rub eyes.**4. If on Skin:** Remove contaminated clothing. Wash with soap and water. If irritation persists, seek medical attention.**Physician Notes:** Treat symptomatically.

SPECIAL PROTECTION INFORMATION

Respiratory Protection: NIOSH-approved organic air-purifying respirator, self-contained breathing apparatus, or air-supplied respirators dependent on concentration.**Eye Protection:** When contact with liquid is possible, use a face shield or splash goggles, otherwise use safety glasses.**Skin Protection:** Use full protective clothing, boots and gloves when in contact with liquid.**Ventilation:** Mechanical ventilation may be necessary if working with this product in enclosed areas.

SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Handling and Storage: Store away from sources of ignition and in a cool, dry place. Tanks: Carbon steel with effective moisture control, baked phenolic, epoxy or polyester, or metallic zinc in an inorganic binder. Special precautions: Inert gas blanket and breathing system needed to maintain color stability. Use dry inert gas having at least -40°F dew point.

Steps To Be Taken In Case Material Is Released Or Spilled.

Small Spills: Eliminate all sources of ignition. Evacuate the area. Contain the spill with dikes or absorbents to prevent migration and entry into sewers, streams or drinking water supplies. Take up with dry chemical absorbents and place into suitable container for disposal.**Large Spills:** Eliminate all sources of ignition. Evacuate the area. Contain spill to prevent migration and entry into sewers, streams or drinking water supplies. Spills may be taken up with pump or vacuum and finished with dry chemical absorbents. May require excavation of contaminated soil.

Waste Disposal Methods: Do not contaminate water, food or feed by storage or disposal. Waste resulting from spills of this material are not subject to CERCLA/RCRA regulations. Therefore, it may be disposed of as an industrial waste in a manner acceptable to good waste management practice and in compliance with applicable Local, State and Federal regulations.

SHIPPING DATA**(PACKAGE AND BULK)**

D.O.T. Proper Shipping Name: Not Regulated in non-bulk packaging; Regulated in bulk containers >119 gal. as: Environmentally Hazardous Substance, Liquid, NOS (Decanol)9, UN3082, PGIII

D.O.T. Hazard Classification:

Primary: Bulk: Class 9

Secondary: Not Applicable

D.O.T. Labels Required: Bulk: Class 9

D.O.T. Placards Required: Bulk: Class 9

Poison Constituent: Not Applicable

Hazardous Substance: This product is an eye irritant and combustible liquid as defined by the OSHA Hazard Communication Standard.

Reportable Quantity (RQ):

Product: Not Applicable

Ingredient: Not Applicable

Bill of Landing Description: Plant growth regulator, modifier, or inhibitor, Agricultural. NOS (Fatty Alcohol Mixture)

Transportation Emergency #:

CHEMTREC: (800)424-9300

ADDITIONAL REGULATORY INFORMATION**Sara Title III Data:****Section 311 and 312 Hazard Categories:**

Immediate Health Hazard:	Y
Delayed Health Hazard:	N
Fire Hazard:	N
Reactive Hazard:	N
Sudden Pressure Release Hazard	N

Section 302:

EHS: None; TPQ: 10,000 lbs.

Section 313: Contains no chemical subject to SARA 313.

CERCLA Reportable Quantity: None

National Response Center:

(800)424-8802

CHEMTREC: (800)424-9300

MSDS NO.: 11050

PREPARED: 04/14/2000

REVISED: 03/7/2003

APPROVED: *MPearce*

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