

GINSTAT

Anti-Static Concentrate

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: GINSTAT

EPA Reg. No.: Not Applicable

Synonyms: Cationic blend

Chemical Name: Ethoxylated Tallow

Amines and other Ethoxylated derivatives

Common Name: Antistatic concentrate

Chemical Family: Ethoxylated tallow amines

Molecular Formula: Mixture

Molecular Weight: Not Determined

INGREDIENT

Component	CAS NO.	WT%	PEL/TLV
Ethoxylated Tallow Amines and other Ethoxylated derivatives	61791-26-2	90	NE
Polyethylene Glycol S	25322-68-3	10	NE

PHYSICAL AND CHEMICAL CHARACTERISTICS

Appearance and Odor: Slightly viscous clear, amber liquid w/ mild odor.**Boiling Point:** >212 F (100 C)**Melting Point:** Not Determined**Vapor Pressure:** Negligible**Vapor Density (Air=1):** NA**% Volatility (V/V):** NA**pH:** 7.0 (1% aqueous)**Saturation in air (V/V):** Not Determined**Specific Gravity (H₂O=1):** 1.026**Solubility in Water:** Soluble**Viscosity:** ~60cps @ 25 C

FIRE AND EXPLOSION DATA

Flash Point: >400 F**Flammable Limits in Air (V/V):**

NA

Auto-Ignition Temperature: Not Determined**Fire Extinguishing Media:** Foam, dry chemical, CO₂ or water spray.**Fire Control Tactics:** Self-contained positive pressure breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. Clear fire area of unprotected personnel. Cool fire exposed containers with water. Attack from upwind.**Unusual Fire and Explosion Hazards:** None Known

NFPA HAZARD RATING

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

REACTIVITY DATA

Stability: Stable**Conditions to Avoid:** None Known**Incompatibility (Materials to Avoid):**

Strong oxidizing agents.

Reactivity: Non-reactive**Hazardous Decomposition Products:**

Thermal decomposition will produce oxides of carbon.

Hazardous Polymerization: Will not occur.

HEALTH HAZARD INFORMATION

Threshold Limit Value: None Established**Permissible Exposure Limit:** None Established**Warning Statements:** CAUTION Liquid contact with eyes or skin can cause irritation. Avoid contact with eyes and skin. Not considered hazardous under normal conditions of use. Exposure to mist or spray may cause irritation of respiratory passages. Use with adequate ventilation. Do not take internally. Keep out of reach of children.**Signs and Symptoms of Exposure:** Irritation of the skin, eyes or nasal passages possible. Acute inhalation is practically non-toxic and may cause irritation of respiratory passages. May cause skin irritation.**Medical Conditions Generally Aggravated by Exposure:** Preexisting eye, skin and respiratory disorders may be aggravated by exposure to this product.

Unnecessary exposure to this product or any chemical should be avoided.

Primary Route of Exposure: Inhalation, skin, ingestion.**Acute Toxicity Data:****1. Oral Toxicity:**LD₅₀ 1.85 g/kg**2. Dermal Toxicity:**

Irritant but not corrosive

3. Inhalation Toxicity: ND**4. Eye Irritation:** Moderate**5. Skin Irritation/Sensitization:** Slight**Chronic Toxicity Data:** This product is not considered a carcinogen 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 airborne exposures to ETO may be harmful since ETO is a cancer hazard and reproductive hazard. OSHA has established a 1.0 ppm 8-hour TWA for ETO (29 CFR 1920.1047). Some requirements of this standard may apply to your operation.**Emergency and First Aid Procedures:****1. If swallowed:** Do not Induce vomiting. If vomiting should occur spontaneously, keep airway clear.. Never give anything by mouth to an unconscious person.

Contact a physician and be prepared to give information on this MSDS and/or the product label.

2. If Inhaled: Remove person from contaminated area. If breathing has stopped, give artificial respiration, then oxygen if needed. Contact a physician.**3. If in Eyes:** Immediately flush eyes with plenty of water for at least 15 minutes, holding eyelids apart to ensure flushing of the entire eye surface. Seek medical attention if irritation persists.**4. If on Skin:** Remove contaminated clothing and wash with large amounts of soap and water. Seek medical attention if irritation persists.

SPECIAL PROTECTION INFORMATION

Respiratory Protection: If necessary, use NIOSH or MSHA approved respirator for organic vapors, air-line respirator, or a self-contained breathing apparatus.**Eye Protection:** Avoid contact with eyes. Wear full face shield or chemical safety goggles when handling.**Skin Protection:** Avoid contact with skin. Use impervious, neoprene or rubber chemical resistant gloves. Wear protective clothing as required to minimize contact. Launder contaminated clothing before reuse.**Ventilation:** Local exhaust: Recommended when appropriate to control employee exposure.

Mechanical (general): Not recommended as the sole means of controlling employee exposure.

Other: For operation where spills or splashing may occur, use impervious body covering and boots. A safety shower and eye wash station should be available near work area. Wear protective clothing to prevent repeated or prolonged contact.

SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Handling and Storage: Avoid overheating or freezing. Keep container closed when not in use. Use with adequate ventilation. Spilled material is slippery. Avoid prolonged or repeated contact with skin. Wash thoroughly with soap and water after handling. Mix well before using. Product may congeal or stratify if cold. If cold, warm material and mix well prior to using.**Steps To Be Taken In Case Material Is Released Or Spilled.****Small Spills:** Soak up with absorbent, shovel into a suitable container for recovery or disposal. Spill areas may then be flushed with water.**Large Spills:** Dike the spill to minimize contaminated area and facilitate salvage or disposal. Recover material for use, reprocessing or disposal.

Avoid runoff into storm sewers and ditches which lead to natural waterways.

Waste Disposal Methods: (Incineration is preferred) in accordance with all applicable Federal, State and Local

regulations. Material collected with absorbent may be disposed in a permitted landfill in accordance with Federal, State and Local regulations. Empty container may retain product residue. Observe all labeled safeguards until container is cleaned, reconditioned or destroyed.

**SHIPPING DATA
(PACKAGE AND BULK)**

D.O.T. Proper Shipping Name: Not Regulated

D.O.T. Hazard Classification:

Primary: Not Applicable

Secondary: Not Applicable

D.O.T. Labels Required: None

D.O.T. Placards Required: None

Poison Constituent: Not Applicable

Reportable Quantity (RQ): Not Applicable

Bill of Landing Description: Antistatic Compound, Liquid, NOS.

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: None

CERCLA Reportable Quantity: None

National Response Center:

(800)424-8802

CHEMTREC: (800)424-9300

The information and statements herein are believed to be reliable and are given in good faith but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.

MSDS NO.: 10420

DATE PREPARED: 07/25/01

DATE REVISED: 03/7/03

APPROVED: JMPearce