

Material Safety Data Sheet

Effective Date: 26-MAY-2010
Product: ANTE UP

I. IDENTIFICATION

Chemical Name: Buffer Blend
Chemical Family: Herbicide Activator
Formula: Not applicable, formulated mixture.
Synonyms: None
CAS Number: 21351-39-3
EPA Number: Not applicable

II. PHYSICAL DATA

Boiling Point: Not available
Freezing Point: Not available
Spec Gravity: 1.19 gms/cc
Vapor Pressure: Not available
Vapor Density: Not available
Solubility: Soluble
Volatiles: Not determined
Evaporation: Not available
Melting Point: Not applicable
Appearance: Clear golden yellow liquid; slight, pleasant odor.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
Alkoxylated Amines, trihydroxypropane, and aminomethanamide dihydrogen tetroxosulfate.		90.00	N/E	Corrosive
Inert ingredients		10.00	N/E	Non-hazardous

IV. FIRE AND EXPLOSION HAZARD

Flash Point: >200 Degrees F. (PMCC)
Autoignition Temp: Not applicable
Flammable Limit: Not determined
Extinguishing Media: Use water fog, dry chemical, foam or carbon dioxide extinguishing agents.
Special Fire Fight Proc: Avoid excessive water. Wear self-contained breathing apparatus and full protective clothing. Treat as a liquid chemical type fire where discharges to the environment are to be controlled as quickly as possible.

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Fire and Expl Hazard: May produce oxides of carbon and nitrogen and toxic phosphorous compounds under fire conditions.

V. HEALTH HAZARD

Carcinogen Information: None currently known.

ACUTE EFFECTS OF OVER EXPOSURE

Swallowing: Small amounts aspirated into the respiratory system during ingestion or vomiting may cause severe burns and severe pulmonary injury. Aspiration into lungs due to vomiting can cause chemical pneumonitis, which can be fatal.

Skin Absorption: Contact may result in mild dermatitis.

Inhalation: May cause irritation and burning to the upper respiratory tract.

Skin contact: Contact may result in mild dermatitis. Skin contact may also aggravate existing dermatitis condition.

Eye Contact: Contact with eyes may result in severe irritation; permanent eye injury may result.

Chronic Effects: None currently known.

Other Hazard: Persons with pre-existing dermatitis, respiratory disorders, or an allergic history should use extra care when handling this product.

EMERGENCY AND FIRST AID PROCEDURES

Swallowing: Do not induce vomiting. If fully conscious, drink a large amount of water. Never give anything by mouth to someone who is unconscious or having convulsions. Apply artificial respiration if necessary. Call a doctor or poison control center immediately.

Skin: Immediately flush skin with water while removing contaminated clothing. Obtain medical attention immediately. Wash contaminated clothing before reuse.

Inhalation: Immediately move to fresh air. If not breathing, give artificial respiration. Call for prompt medical attention.

Eyes: Flush eyes with water, holding eyelids apart for at least 15 minutes. Do not rub eyes. Obtain medical attention immediately.

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Notes to Physician: Aspiration of small amounts during ingestion or vomiting may cause severe burns and severe pulmonary injury to the lungs. Aspiration may also cause chemical pneumonitis, which can be fatal.

VI. REACTIVITY

Stability: Stable

Conditions to Avoid: None currently known.

Polymerization: Will Not Occur

Conditions to Avoid: None currently known.

Incompatibility material: Avoid bases, strong oxidizing and reducing agents. Avoid contact with many metals, including aluminum.

Hazardous Combustion: May produce toxic phosphorous compounds, and oxides of nitrogen and carbon under fire conditions.

VII. SPILL OR LEAK PROCEDURES

Spill or Leak Proc: Contain all spills, keeping material out of sewers and drains by diking. For small spills, collect free liquids and place in suitable container for proper disposal. Absorb remaining liquid with an inert material, such as clay, sand or Vermiculite. Sweep up carefully and place in suitable disposal container. Rinse spill area with water, collect and place in containers with material for disposal.

Waste Disposal Method: This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.

VIII. SPECIAL PROTECTION INFORMATION

Respiration: Use an approved NIOSH respirator if ventilation is not adequate, particularly in hot, non-ventilated spaces.

Ventilation: Mechanical general ventilation is usually adequate.

Gloves: Chemical-resistant gloves.

Eyes: Safety glasses with side shields.

Other: Full-length work clothing, enclosed boots, impervious apron, emergency shower and eyewash

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station.

IX. SPECIAL PRECAUTIONS

Special precaution: Keep out of reach of children. Do not store with food, feed or other material to be used or consumed by humans or animals. Do not contaminate water supplies, lakes, streams or ponds. Avoid eye contact and prolonged skin contact. Avoid inhalation of mists.

Other precaution: Store in original container only in a well-ventilated, cool, dry and secure area. Due to low pH (2.0 to 2.5), this material will corrode incompatible metals such as aluminum, copper, zinc and mild steel.

X. SHIPPING INFORMATION

Shipping name: Not regulated domestically (highway or rail) if shipped or packaged in containers such as stainless steel or plastic (49 CFR 173.154(d)).

Hazard Class: None
Identification No: None

Labels Required: None required

Placarding: None

Freight Class: Adhesive, Adjuvant, Spreader or Sticker, Liquid, NOI (NMFC item 4610, Class 60)

Chemical Name

Equivalent R.Q.

Not applicable

Not applicable

TRANSPORTATION NOTE:

If shipped domestically in aluminum, copper, zinc or mild steel containers; or if shipped by air or water, ship as:
Corrosive Liquid, n.o.s. (contains Monocarbamide dihydrogen sulphate), 8, UN1760, PG III "ERG # 154"

XI. GENERAL PRODUCT INFORMATION

National Fire Protection Association Rating:

(Rating level: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

Health: 2

Fire: 0

Reactivity: 2

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S.A.R.A. Title III Hazard Classification: (Yes/No)

Immediate (Acute) Health: Y	Delayed (Chronic) Health: Y
Sudden Release of pressure: N	Fire: N
Reactive: Y	

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