

Material Safety Data Sheet

Effective Date: 12-SEP-2012  
Product: ASSET RTU X-TRA

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I. IDENTIFICATION  
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Chemical Name: Not applicable, formulated mixture.  
Chemical Family: Metal chelates and fertilizers.  
Formula: Not applicable, formulated mixture.  
Synonyms: None  
CAS Number: Trade Secret  
EPA Number: None Required

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II. PHYSICAL DATA  
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Boiling Point: >100 Degrees C.  
Freezing Point: <35 Degrees F.  
Spec Gravity: 1.320 gms/cc  
Vapor Pressure: Not established  
Vapor Density: Not established  
Solubility: 99%  
Volatiles: <0.5%  
Evaporation: Not established  
Melting Point: Not applicable  
Appearance: Clear, light green liquid with low odor.

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III. INGREDIENTS  
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Material	CAS Number	Percent	TLV	Hazard
Proprietary blend of Carboxylic Acids, Ammonium Polyphosphates, Potassium Polyphosphates, and Metal EDTA Chelates		100.00	10 mg/m3	Skin & Eye Irritant

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IV. FIRE AND EXPLOSION HAZARD  
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Flash Point: Non-combustible  
Autoignition Temp: Not applicable  
Flammable Limit: Not applicable  
Extinguishing Media: Non-combustible product. Use extinguishing media for underlying cause of fire.  
Special Fire Fight Proc: Wear positive pressure self-contained breathing apparatus and full protective clothing. Use water spray to keep fire-exposed containers cool.  
Fire and Expl Hazard: Product generates toxic and irritating fumes under fire conditions.

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V. HEALTH HAZARD  
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Carcinogen Information: None currently known.

ACUTE EFFECTS OF OVER EXPOSURE  
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Swallowing: Results in vomiting and abdominal cramps.  
Skin Absorption: May be harmful when absorbed through skin.  
Inhalation: Inhalation may cause irritation to the nose  
and throat.  
Skin contact: Skin contact may cause irritation.  
Eye Contact: Eye contact results in severe irritation.  
Chronic Effects: None currently known.  
Other Hazard: None currently known.

EMERGENCY AND FIRST AID PROCEDURES  
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Swallowing: Give a large amount of water to drink, induce  
vomiting and immediately call a physician. Do  
not induce vomiting or give anything by mouth  
to an unconscious person.  
Skin: Remove contaminated clothing and wash skin  
with soap and water. Call a physician if  
irritation develops or persists.  
Inhalation: Move to fresh air. Give artificial  
respiration if needed. Immediately call a  
physician.  
Eyes: Flush eyes with water for 15 minutes, holding  
eyelids open. Call a physician if irritation  
develops or persists.  
Notes to Physician: In the event of an adverse response, treatment  
should be directed toward control of the  
symptoms and the clinical condition of the  
patient. Ingestion may cause corrosive damage  
to the digestive tract.

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VI. REACTIVITY  
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Stability: Stable  
Conditions to Avoid: None currently known.  
Polymerization: Will Not Occur  
Conditions to Avoid: None currently known.  
Incompatibility material: Product may react vigorously with acidic  
materials.  
Hazardous Combustion: May produce ammonia gas and oxides of carbon  
under fire conditions.

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VII. SPILL OR LEAK PROCEDURES  
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Spill or Leak Proc: Contain spill. If uncontaminated, reuse product. If contaminated, absorb material and place in chemical waste containers for proper disposal.  
Waste Disposal Method: This material must be disposed of according to Federal, State, or Local procedures under the Resource Conservation and Recovery Act.

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VIII. SPECIAL PROTECTION INFORMATION  
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Respiration: None needed under normal conditions. Under fire conditions or if vapors exceed TLV, use NIOSH/MSHA approved respirator.  
Ventilation: Local exhaust sufficient.  
Gloves: Impervious  
Eyes: Splash proof goggles.  
Other: Emergency shower, eyewash station, impervious apron and footwear.

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IX. SPECIAL PRECAUTIONS  
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Special precaution: Keep out of reach of children. Do not store with food, feed, or other materials to be used or consumed by humans or animals. Do not contaminate water supplies, lakes, streams, or ponds. Protect against physical damage. Keep separate from oxidizing and acidic materials.  
Other precaution: None currently known.

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X. SHIPPING INFORMATION  
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Shipping name: Not regulated by DOT, IATA, or IMO.  
Hazard Class: None  
Identification No: None  
Labels Required: None required  
Placarding: None  
Freight Class: Fertilizing Compound, (Manufactured Fertilizer), Liquid, NOIBN (NMFC Item 68140, Sub 6, Class 70)

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Chemical Name	Equivalent R.Q.
Not applicable	Not applicable

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XI. GENERAL PRODUCT INFORMATION

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

Health: 2                      Fire: 0                      Reactivity: 0

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

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

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Mail inquiries to: 225 Schilling Blvd., Suite 300 Collierville, TN 38017  
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