

Material Safety Data Sheet

Effective Date: 10-MAR-2000
Product: ASSET FA

I. IDENTIFICATION

Chemical Name: PHOSPHATIC, AMMONIUM & CARBOXYLIC ACID.
Chemical Family: NOT APPLICABLE, FORMULATED MIXTURE
Formula: NOT APPLICABLE, FORMULATED MIXTURE
Synonyms: NONE
CAS Number: TRADE SECRET
EPA Number: NONE REQUIRED

II. PHYSICAL DATA

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, LOW ODOR.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
PROPRIETARY BLEND OF PHOSPHATIC, AMMONIUM AND CARBOXYLIC ACIDS		100.00	10 MG/M3	SKIN & EYE IRRITANT

IV. FIRE AND EXPLOSION HAZARD

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

Carcinogen Information: NONE CURRENTLY KNOWN.

ACUTE EFFECTS OF OVER EXPOSURE

Swallowing: INGESTION RESULTS IN VOMITING AND ABDOMINAL
CRAMPS.
Skin Absorption: MAY BE HARMFUL BY SKIN ABSORPTION.
Inhalation: INHALATION MAY CAUSE IRRITATION TO 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

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.

VI. REACTIVITY

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

Spill or Leak Proc: CONTAIN SPILL. IF UNCONTAMINATED, RECOVER AND 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.

VIII. SPECIAL PROTECTION INFORMATION

Respiration: NONE NEEDED UNDER NORMAL CONDITIONS. UNDER FIRE CONDITIONS OR IF VAPORS EXCEED TLV, USE NIOSH-APPROVED RESPIRATOR.
Ventilation: LOCAL EXHAUST SUFFICIENT.
Gloves: IMPERVIOUS
Eyes: SPLASH PROOF GOGGLES.
Other: EMERGENCY SHOWER, EYE WASH STATION, IMPERVIOUS APRON AND FOOTWEAR.

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. PROTECT AGAINST PHYSICAL DAMAGE.
Other precaution: KEEP SEPARATE FROM OXIDIZING AND ACIDIC MATERIALS.

X. SHIPPING INFORMATION

Shipping name: NOT REGULATED BY DOT
Hazard Class: NONE
Identification No: NONE
Labels Required: NONE
Placarding: NONE
Freight Class: COMPOUND, FERTILIZER (MANUFACTURED FERTILIZER)
LIQUID, NOIBN (NMFC 68140, SUB 6, CLASS 70)

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Chemical Name	Equivalent R.Q.
NOT APPLICABLE	NOT APPLICABLE

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: 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	

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