

Material Safety Data Sheet

Effective Date: 15-JAN-2000
Product: PRO-MATE 2-0-25

I. IDENTIFICATION

Chemical Name: INORGANIC LIQUID FERTILIZER
Chemical Family: INORGANIC FERTILIZER
Formula: NOT APPLICABLE, FORMULATED MIXTURE.
Synonyms: NONE
CAS Number: NOT APPLICABLE, FORMULATED MIXTURE.
EPA Number: NONE REQUIRED

II. PHYSICAL DATA

Boiling Point: 212 DEGREES F.
Freezing Point: <10 DEGREES F.
Spec Gravity: 1.270 GMS/CC
Vapor Pressure: NIL
Vapor Density: NOT ESTABLISHED
Solubility: 100
Volatiles: <1
Evaporation: NOT ESTABLISHED
Melting Point: NOT APPLICABLE
Appearance: LIGHT BROWN LIQUID, LOW ODOR.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
PROPRIETARY BLEND OF UREA NITROGEN AND COMPLEXED POTASSIUM HYDROXIDE (UREA NITROGEN - 2.00%; SOLUBLE POTASH - 25.00%)		100.00	NOT ESTABLI SHED	SKIN & EYE IRRITANT

IV. FIRE AND EXPLOSION HAZARD

Flash Point: NONCOMBUSTIBLE
Autoignition Temp: NOT APPLICABLE
Flammable Limit: NOT APPLICABLE
Extinguishing Media: NONCOMBUSTIBLE LIQUID - USE EXTINGUISHING MEDIA
FOR UNDERLYING CAUSE OF FIRE.
Special Fire Fight Proc: WEAR A POSITIVE PRESSURE SELF-CONTAINED
BREATHING APPARATUS AND FULL PROTECTIVE
CLOTHING. USE WATER SPRAY TO KEEP FIRE-EXPOSED
CONTAINERS COOL.
Fire and Expl Hazard: PRODUCT MAY PRODUCE TOXIC 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: NONE CURRENTLY KNOWN.
Inhalation: SLIGHT NOSE IRRITANT.
Skin contact: MILD SKIN IRRITANT.
Eye Contact: EYE IRRITATION.
Chronic Effects: NONE CURRENTLY KNOWN.
Other Hazard: NONE CURRENTLY KNOWN.

EMERGENCY AND FIRST AID PROCEDURES

Swallowing: GIVE 1 TO 2 GLASSES OF WATER TO DRINK, AND
INDUCE VOMITING.IMMEDIATELY CALL A DOCTOR OR
POISON CONTROL CENTER.
Skin: WASH SKIN THOROUGHLY WITH SOAP AND WATER. IF
IRRITATION DEVELOPS, CONSULT A PHYSICIAN.
LAUNDER CLOTHING BEFORE REUSE.
Inhalation: MOVE TO FRESH AIR. IF BREATHING BECOMES
DIFFICULT, OBTAIN MEDICAL ATTENTION
IMMEDIATELY.
Eyes: FLUSH EYES WITH WATER FOR 15 MINUTES, HOLDING
EYELIDS OPEN.IF IRRITATION DEVELOPS, CONSULT A
PHYSICIAN.
Notes to Physician: IN THE EVENT OF AN ADVERSE RESPONSE, TREATMENT
SHOULD BE DIRECTED TOWARD CONTROL OF THE
SYMPTOMS.INGESTION MAY RESULT IN 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: NONE CURRENTLY KNOWN.
Hazardous Combustion: PRODUCT MAY PRODUCE OXIDES OF CARBON UNDER FIRE
CONDITIONS.

VII. SPILL OR LEAK PROCEDURES

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Spill or Leak Proc: DIKE AND CONTAIN SPILL. REUSE MATERIAL IF
UNCONTAMINATED. IF CONTAMINATED, ABSORB MATERIAL
ON AN ABSORBENT SUCH AS SAND OR CLAY. PLACE
MATERIAL IN A CHEMICAL WASTE CONTAINER FOR
PROPER DISPOSAL. WASH SPILL AREA WITH WATER.
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.
Ventilation: LOCAL EXHAUST SUFFICIENT.
Gloves: IMPERVIOUS
Eyes: CHEMICAL WORKERS GOGGLES.
Other: 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.
Other precaution: RCRA HAZARDOUS WASTE NUMBER -----:
NOT LISTED
SARA TITLE III, SECTION 313 -----:
NOT LISTED
SARA THRESHOLD PLANNING QUANTITY -----:
NOT LISTED
CERCLA REPORTABLE QUANTITY -----:
NOT LISTED
49 CFR 172.101, APPENDIX A -----:
NOT LISTED
49 CFR 172.101, APPENDIX B -----:
NOT LISTED

X. SHIPPING INFORMATION

Shipping name: NOT REGULATED BY DOT, IATA, OR IMDG.
Hazard Class: NONE
Identification No: NONE
Labels Required: NONE
Placarding: NONE
Freight Class: COMPOUND, FERTILIZER (MANUFACTURED FERTILIZER)

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Chemical Name	LIQUID, NOIBN	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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