

AMERICAN SOIL TECHNOLOGIES, INC.

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**MATERIAL SAFETY
DATA SHEET**

**PRODUCT/TRADE NAME:
NUTRIMOIST®L**

**I. GENERAL INFORMATION/IDENTITY
INFORMATION**

PRODUCT/TRADE NAME: NUTRIMOIST® L
EPA REGISTRATION # : NONE
NAMES & SYNONYMS:
AMMONIUM SALTS.....>60%
ACRYLAMIDE/ACRYLATE POLYMER.....<40%
FORMULA: Proprietary
CAS No.: Proprietary
HAZARDOUS CLASSIFICATION: Not Hazardous
MOTOR FREIGHT CLASS: Not DOT Regulated
ITEM NUMBER: N/A
BILL OF LADING DESCRIPTION: Adhesive, Adjuvants, Spreaders
or Stickers

II. HAZARDOUS INGREDIENTS

	CAS#	OSHA PEL	TLV
AMMONIUM SALTS	7783-20-2	NE	NE
ACRYLAMIDE/ACRYLATE POLYMER:			
Proprietary		NE	NE

III. PHYSICAL DATA

SPECIFIC GRAVITY (H2O=1): 1.4
MELTING POINT: N/E
VAPOR DENSITY (AIR = 1): N/E
% VOLATILES BY VOL.: N/E
ODOR: Odor
APPEARANCE: white crystalline granules
FLASH POINT/METHOD: N/A
VAPOR PRESSURE (mmHg): N/A
SOLUBILITY IN H2O: 70% Soluble @ 77G/100G WA @ 20 C
BULK DENSITY: 58 pounds per cubic foot

IV. FIRE & EXPLOSION HAZARD

FLASH POINT (METHOD): Not Applicable
AUTOIGNITION TEMPERATURE: Not determined
FLAMMABLE LIMITS: LEL N/E, UEL N/E
large fires. Water stream may spread flames.
EXTINGUISHING MEDIA: Use carbon dioxide or dry chemical for
small fires and water fog or foam (alcohol polymer or ordinary) for
UNUSUAL FIRE AND EXPLOSION HAZARDS: Hydrogen cyanide
and ammonia may be released if product is exposed to fire.
SPECIAL FIRE FIGHTING PROCEDURES: Fire fighters exercise
caution. Spilled product in contact with water creates extremely
slippery conditions. Fire fighters should use self-contained breathing
apparatus and full turnout gear. Prevent runoff of firewater. Avoid
exposure to smoke.

V. CARCINOGEN STATUS

No Listing

VI. REACTIVITY

STABILITY: Temperatures > 282 C will cause decomposition with
release of ammonia and sulfur trioxide.
CONDITIONS TO AVOID: Temperatures > 282 C
MATERIAL TO AVOID: Strong oxidizers, bases, chlorates, nitrates.
HAZARDOUS DECOMPOSITION PRODUCTS: Ammonia, sulfur
trioxide, Oxides of carbon and nitrogen

VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL: Spills should be contained
and placed in suitable containers for disposal in a licensed facility. This
material is not regulated by RCRA or CERLA ("Superfund"). Wear
appropriate respiratory protection and protective clothing and provide
adequate ventilation during the cleanup.
DISPOSAL: Dispose in accordance with Federal, State and local
regulations. Do not discharge into waterways or sewer systems without
proper authority.

**VIII. HEALTH PRECAUTION/TOXICOLOGICAL
DATA**

ACUTE ORAL LD50 (Rat): Not Determined
ACUTE Dermal LD50 (Rabbit): Not Determined
ACUTE INHALATION: Not Determined
EYE IRRITATION (Rabbit): Not Determined
DERMAL IRRITATION (Rabbit): Not Determined
DERMAL SENSITIZATION: Not Determined
ACGIH (TLV)/OSHA (TWA): Not Determined
NOT LISTED AS A CARCINOGEN BY NRC, IARC, OR
OSHA
SIGNS OF EXPOSURE: Gastric distress, ulceration, diarrhea,
reddening, swelling of affected area with possible itching burning or
other discomfort
PRIMARY ROUTES OF ENTRY: Ingestion
SWALLOWING: If swallowed, gastric upset, ulceration, or
hemorrhage of the G.I. tract and diarrhea can occur. Systemic
ammonia poisoning is possible if sufficient absorption occurs.
INHALATION: Can irritate the membrane of the respiratory tract if
inhaled.
EYES: Moderately irritating to eyes
EXISTING MEDICAL CONDITIONS POSSIBLY AGGRAVATED
BY EXPOSURE: Skin contact may aggravate preexisting skin
conditions. Inhalation of mists may aggravate preexisting respiratory
conditions.

EMERGENCY AND FIRST AID PROCEDURES:

SWALLOWING: If swallowed, dilute with water and immediately
induce vomiting. Call a physician or poison control center. To prevent
the aspiration of swallowed product, lay patient on side with the head
lower than the waist.
Skin: Wash affected area with plenty of soap and water. Remove
contaminated clothing and launder separately.
Inhalation: Remove victim to fresh air. If not breathing, administer
artificial respiration. GET MEDICAL ATTENTION.
EYES: Hold eyelids open and flush with a steady stream of water for
at least 15 minutes. GET MEDICAL ATTENTION. **Note to
physician: treat symptomatically.**

IX. SPECIAL PROTECTION INFORMATION:

Respiratory Protection: Wear a properly fitted NIOSH/MSHA
approved dust respirator.
VENTILATION: Local exhaust.
PROTECTIVE CLOTHING: Chemical resistant gloves, coveralls,
apron, and foot coverings.
EYE PROTECTION: Tight fitting goggles are recommended.

X. SPECIAL PRECAUTIONS: Keep out of reach of

children. Read and follow all label instruction. Use caution,
spilled material in contact with water may create very slippery
conditions.

XI. REGULATORY STATUS:

SARA TITLE III
Section 302-304 (40 CFR 350):
Extremely Hazardous Substance (EHS): N/A
SARA Section 313 Reportable Toxic Chemicals: CAS: 7783-20-2

This product contains (a) chemical(s) known to the State of California
to cause cancer and birth defects or other reproductive harm.

DATE PREPARED: 12/2003

The information provided in this Material Safety Data Sheet has been
compiled from our experience and data presented in various technical
publications. It is the users responsibility to determine the reliability
of this information for the adoption of safety precautions as may be
necessary. We reserve the right to revise Material Safety Data Sheets
from time to time as new technical information becomes available.
The information contained herein is furnished without warranty of
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