

MATERIAL SAFETY DATA SHEET

Mora-Leaf Hi-P

I. NAME

PRODUCT/TRADE NAME: MORA-LEAF HI-P
EPA REGISTRATION #: NONE
CHEMICAL NAME/COMMON NAME:
Ammonium Phosphate/Ammonium Phosphate
Urea/Urea
Potassium Sulphate/Potassium Sulphate

II. HAZARDOUS INGREDIENTS

	CAS#	OSHA PEL	ACGIH TLV
Ammonium Phosphate	7722-76-1	NE	NE
Urea	57-13-6	NE	NE
Potassium Sulphate	7778-80-5	NE	NE

III. PHYSICAL DATA

SPECIFIC GRAVITY (H₂O = 1): NA
MELTING POINT: NE
VAPOR DENSITY (AIR = 1): NA
% VOLATILES BY VOL.: NA
ODOR: Salty
APPEARANCE: Tan Powder
FLASH POINT/METHOD: NA
VAPOR PRESSURE (mmHg): NA
SOLUBILITY IN H₂O: Soluble

IV. FIRE & EXPLOSION HAZARD

EXTINGUISHING MEDIA: Water Fog Foam Alcohol Foam
 CO₂ Dry Chemical Other

FIRE FIGHTING PRECAUTIONS & HAZARDS:

Fight fire upwind. Wear positive pressure self-contained breathing apparatus and full protective equipment. Avoid breathing smoke or spray mist. Avoid fallout and runoff. Dike to prevent entering drains, sewers, or water courses. Evacuate people downwind from fire.

V. CARCINOGEN STATUS

OSHA NTP IARC No Listing Type

VI. REACTIVITY

Stable HAZARDOUS POLYMERIZATION
 Unstable May Occur Will Not Occur
AVOID: Coppers, Oxidizers
HAZARDOUS DECOMPOSITION PRODUCTS: CO_x, PO_x, SO_x, NO_x

VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL: Wear appropriate personal protective equipment. Sweep or vacuum into disposal container.
DECONTAMINATION: Treat area with detergent and water, repeat procedure as necessary until area is clean.
ENVIRONMENTAL HAZARDS: May be toxic to aquatic organisms. Dike to prevent entering drains, sewers or water courses.
DISPOSAL: Dispose of in accordance with Federal, State and local regulations.

VIII. HEALTH PRECAUTION DATA

INGESTION: Do not ingest. Wash thoroughly before eating, drinking or smoking.
INHALATION: No PEL/TLV established for this product. May be irritating to the respiratory tract. Wear proper respiratory protection for exposures above the nuisance particulate levels of 15 mg/m³ total dust, 5 mg/m³ respirable dust.
SKIN ABSORPTION: Can cause skin irritation. Wear proper personal protective equipment to reduce skin exposure.
EYE EXPOSURE: May cause eye irritation. If exposed, flush eyes for a minimum of 15 minutes with water. Wear proper eye protection.
EFFECTS OF OVEREXPOSURE: Can cause respiratory tract, skin and eye irritation. Ingestion may cause corrosive deterioration of digestive system tissue and ingestion of large amounts may result in vomiting and diarrhea, and excessive fluid loss. Prolonged breathing of dust may cause Pneumoconiosis. Preexisting medical conditions involving the above symptoms may be aggravated by exposure.
FIRST AID: In all cases, get prompt medical attention. If ingested, give several

glasses of water and induce vomiting. Do not induce vomiting if person is unconscious. For skin exposure, remove contaminated clothing and wash with soap and water. For eye exposure, irrigate eyes for a minimum of 15 minutes with water. If inhaled, remove victim to fresh air, and administer CPR if necessary.

IX. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Wear only NIOSH/MSHA-approved respiratory protection for nuisance particulates up to 10 times the PEL/TLV. Positive pressure self-contained breathing apparatus should be used for confined space entry and high exposure operations.
PERSONAL PROTECTIVE EQUIPMENT: Work gloves, safety goggles or glasses with side shields and brow protection.
VENTILATION: General ventilation to control nuisance dust.

X. SPECIAL PRECAUTIONS

Keep out of the reach of children. Read and follow all label instructions.

XI. REGULATORY DATA

SARA HAZARD CLASS: Acute Chronic Flammable
 Pressure Reactive None

SARA 313: Yes No Chemical:

SARA 302: Yes No Chemical:

TPQ:

CERCLA: Yes No Chemical:

RQ:

RCRA: Yes No

NFPA HAZARD RATING:

Health: [1]
Fire: [1]
Reactivity: [0]
Special: []

HMS CODES:

Health: [1]
Fire: [1]
Reactivity: [0]

NFPA HAZARD RATING SCALE:

0 = Minimal 3 = Serious
1 = Slight 4 = Severe
2 = Moderate

HMS HAZARD RATING SCALE:

0 = Minimal 3 = Serious
1 = Slight 4 = Severe
2 = Moderate

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*Technical Material NE - Not Established NA - Not Applicable

24 Hour Emergency Phone Number
CHEMTREC: (800) 424-9300

