

MATERIAL SAFETY DATA SHEET

Link Desert Deep Root

I. NAME

PRODUCT/TRADE NAME: Link Desert Deep Root
EPA REGISTRATION #: None
CHEMICAL NAME/Common Name:
Ammonium Phosphate/Ammonium Phosphate
Iron EDTA/Iron EDTA
Ammonium Nitrate/Ammonium Nitrate
Urea/Urea
1,3,5-Triazin-2-one, Tetrahydro/Triazone
Zinc EDTA/Zinc EDTA

II. HAZARDOUS INGREDIENTS

	CAS#	OSHA PEL	ACGIH TLV
Ammonium Phosphate	7783-28-0	NE	NE
Iron EDTA	Mixture	NE	NE
Ammonium Nitrate	6484-52-2	NE	NE
Urea	57-13-6	NE	NE
Triazone	7098-14-8	NE	NE
Zinc EDTA	67859-51-2	NE	NE

III. PHYSICAL DATA

SPECIFIC GRAVITY (H₂O = 1): 1.306
MELTING POINT: 133 Deg. C
VAPOR DENSITY (AIR = 1): NA
% VOLATILES BY VOL.: NA
ODOR: Earthly
APPEARANCE: Clear Brown Liquid
FLASH POINT/METHOD: NA
VAPOR PRESSURE (mmHg): NA
SOLUBILITY IN H₂O: Complete

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. Avoid smoke and spray mist. Avoid fallout and runoff. Dike to prevent entering drains, sewers and watercourses. Evacuate people downwind.

V. CARCINOGEN STATUS

OSHA NTP IARC No Listing Type: Crystalline Silica

VI. REACTIVITY

Stable HAZARDOUS POLYMERIZATION
 Unstable May Occur Will Not Occur
AVOID: Chlorine, Alkalies, Nitrates, Hypochlorates and Oxidizers
HAZARDOUS DECOMPOSITION PRODUCTS: CO_x, SO_x, NO_x, NH₃

VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL: Wear appropriate respiratory and personal protective equipment. Absorb with inert material and vacuum or sweep into approved disposal containers.

DECONTAMINATION: Treat area with detergent and water. Repeat 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 all Federal, state and local regulations.

VIII. HEALTH PRECAUTION DATA

INGESTION: Acute Oral LD₅₀ (rat) >2500 mg/kg (TKerley*). Do not ingest. Wash thoroughly before eating, drinking or smoking.

INHALATION: No PEL/TLV established. Can cause respiratory tract irritation. Wear proper respiratory protection for the exposures encountered.

SKIN ABSORPTION: May cause skin irritation. Wear proper personal protective equipment to minimize exposure.

EYE EXPOSURE: Keep out of eyes. May cause eye irritation. Wear proper eye protection to reduce exposure. If exposed, flush a minimum of 15 minutes with water.

EFFECTS OF OVEREXPOSURE: Can cause respiratory tract, skin and eye irritation. Not considered toxic and is medically used as a diuretic. Can cause anuria in animals. 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 contact, remove contaminated clothing and wash with soap and water. For eye exposure, irrigate eyes with water for a minimum of 15 minutes. If inhaled, remove to fresh air and administer CPR if necessary.

IX. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Wear only NIOSH/MSHA-approved respiratory protection for organic vapors. Positive pressure self-containing 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.

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: Iron & Zinc Compounds

SARA 302: Yes No Chemical:

TPQ:

CERCLA: Yes No Chemical:

RQ:

RCRA: Yes No

NFPA HAZARD RATING:

Health: [1]

Fire: [1]

Reactivity: [0]

Special: []

HMIS CODES:

Health: [1]

Fire: [1]

Reactivity: [0]

NFPA HAZARD RATING SCALE:

0 = Minimal 3 = Serious

1 = Slight 4 = Severe

2 = Moderate

HMIS 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



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