
REACTIVITY DATA

Chemical Stability: STABLE IN NORMAL USE AND STORAGE

Incompatibility: ACIDS, CORROSIVES, FUELS, OXIDIZERS, COMBUSTIBLES

Conditions of Reactivity: MOIST, WET CONDITIONS, HEAT, FIRE

Hazardous Decomposition Products: AMMONIA, OXIDES OF NITROGEN, PHOSPHOROUS, SULPHUR, CARBON AND CYANURIC ACID

TOXICOLOGICAL PROPERTIES**Route of Entry:****Effects of Acute or Chronic Exposure:**

SKIN CONTACT - IRRITATION COULD OCCUR WITH PROLONGED EXPOSURE TO DRY FERTILIZER OR FERTILIZER SOLUTION.

SKIN ABSORPTION - NOT KNOWN TO BE ABSORBED THROUGH THE SKIN.

EYE CONTACT - IRRITATION COULD OCCUR IF FERTILIZER SOLUTION IS SPLASHED IN EYES OR DRY PRODUCT CONTACTED.

INHALATION - VERY LOW VAPOUR ACTIVITY. IF HEATED COULD RELEASE AMMONIA GAS. CAN CAUSE RESPIRATORY TRACT IRRITATION. MAY CAUSE COUGHING AND SNEEZING.

INGESTION - EXCESSIVE INGESTION MUST OCCUR BEFORE ANY HEALTH HAZARD RESULTS. EFFECTS OF OVEREXPOSURE MAY INCLUDE NAUSEA, VOMITING, DIARRHEA, WEAKNESS OR CONVULSIONS, HYPERTENSION, SYSTEMIC ACIDOSIS, METHEMOGLOBINEMIA (INITIAL SYMPTOMS-CYANOSIS, CHARACTERIZED BY ALMOST BLACK SKIN, LIPS AND TONGUE) AND ABNORMAL HEMOGLOBIN.

Exposure Limits:

ND

Synergistic Products:

ND

Sensitization / Irritancy:

CAN CAUSE MINOR IRRITATION

Carcinogenicity / Teratogenicity / Mutagenicity / Reproductive Effects:

NONE KNOWN

PREVENTIVE MEASURES:**Personal Protective Equipment:**

RESPIRATORY - DUST MASK IF CONDITIONS WARRANT.

EYES - WEAR SAFETY GLASSES TO AVOID EYE CONTACT. DO NOT WEAR CONTACT LENSES.

GLOVES - WEAR IMPERMEABLE GLOVES TO AVOID CONTACT.

Engineering Controls:

VENTILATE TO CONTROL DUST

Leak or Spill Procedure:

CONTAIN THE SPILL. AVOID CONTACT WITH COMBUSTIBLES, ORGANICS AND IGNITION SOURCES.

SWEEP UP SPILLED MATERIAL AND USE OR DISPOSE OF IN APPROVED MANNER. PREVENT ENTRY INTO WATERWAYS, SEWERS, BASEMENTS OR CONFINED AREAS.

PREVENTIVE MEASURES (continued)**Disposal:**

DISPOSE OF IN NON CROP AREAS AWAY FROM WATERWAYS, IN ACCORDANCE WITH FEDERAL AND LOCAL REGULATIONS.

Handling Procedures and Equipment:

AVOID DIRECT AND PROLONGED CONTACT WITH SKIN.

Storage Requirements:

KEEP OUT OF REACH OF CHILDREN. STORE IN A COOL, DRY PLACE.

Shipping Information:

SHIPPING NAME - **POTASSIUM NITRATE MIXTURE** CLASS – **5.1**
UN NUMBER - **1486** PACKING GROUP - **III**

FIRST AID MEASURES:

SKIN - WASH SKIN WITH PLENTY OF SOAP AND WATER. IF IRRITATION PERSISTS SEEK MEDICAL ATTENTION.

EYES - FLUSH IMMEDIATELY WITH WATER FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTENTION.

INHALATION - REMOVE TO FRESH AIR IF EFFECTS OCCUR. GIVE ARTIFICIAL RESPIRATION ONLY IF BREATHING HAS STOPPED. GIVE CPR IF THERE IS NO BREATHING AND NO PULSE. SEEK MEDICAL ATTENTION.

INGESTION - FOR LARGE AMOUNTS SEEK MEDICAL ATTENTION IMMEDIATELY.

PREPARATION INFORMATION**Department:****Phone Number:****Date:**

TECHNICAL

(905) 793-7000

APRIL 2011

NA - Not Applicable

ND - Not Determined