

Plant Products

PLANTEX 15-11-32 WATER SOLUBLE FERTILIZER

PRODUCT INFORMATION

Product Identifier: PLANTEX 15-11-32 WATER SOLUBLE FERTILIZER
 Manufacturer's Name: PLANT PRODUCTS CO. LTD.
 314 ORENDA ROAD
 BRAMPTON, ONTARIO
 L6T 1G1
 Emergency Phone Number: 1-613-996-6666
 Product Use: WATER SOLUBLE FERTILIZER FOR PLANTS

HAZARDOUS INGREDIENTS

Hazardous Ingredients	C.A.S./N.A./UN No.	%	LD50
POTASSIUM NITRATE	CAS 7757-79-1	70	ND
AMMONIUM NITRATE	CAS 6482-52-2	10	4820 mg/kg

WHMIS CLASSIFICATION: CLASS C - OXIDIZER

PHYSICAL DATA

Physical State: SOLID
 Odour and Appearance: FINE POWDER, OFF WHITE COLOUR WITH GREEN TINGE, SLIGHT AMMONIA ODOUR
 Odour Threshold: NA
 Specific Gravity: NA
 Vapour Pressure: ND
 Vapour Density: ND
 Evaporation Rate: ND
 Boiling Point: NA
 Freezing Point: NA
 Density: ND
 pH: ND

FIRE AND EXPLOSION HAZARD

Flammability: NON-FLAMMABLE
 Means of Extinction: USE FLOODING QUANTITIES OF WATER. DO NOT USE WATER JET. WEAR SCBA AND FULL PROTECTIVE CLOTHING. THIS MATERIAL IS AN OXIDIZER AND THEREFORE INCREASES THE INTENSITY OF ANY FIRE AND POSSIBILITY OF AN EXPLOSION.
 Flashpoint: NA
 UEL: NA
 LEL: NA
 Auto-ignition Temperature: ND
 TDG Flammability Class: NON-FLAMMABLE
 Hazardous Combustion Products: AMMONIA, OXIDES OF NITROGEN, PHOSPHORIC ACID FUMES, CO, CO2

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, PHOSPHORIC ACID, CO, CO2

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, 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 SKIN 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.
 Disposal: DISPOSE OF IN NON CROP AREAS AWAY FROM WATERWAYS, IN ACCORDANCE WITH FEDERAL, PROVINCIAL 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 LOCATION.
 Shipping Information:
 SHIPPING NAME: POTASSIUM NITRATE MIXTURE
 PACKING GROUP: III
 UN NUMBER: 1486
 PLACARD: 5.1

FIRST AID MEASURES:

SKIN: PROMPTLY WASH SKIN WITH PLENTY OF SOAP AND WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CLOTHING. IF IRRITATION PERSISTS CONTINUE FLUSHING. SEEK MEDICAL ATTENTION.
 EYES: FLUSH IMMEDIATELY WITH LARGE AMOUNT OF WATER, HOLDING EYE LID OPEN FOR AT LEAST 30 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. GIVE LARGE QUANTITIES OF WATER AND INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON.

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ADDITIONAL INFORMATION

PREPARATION INFORMATION

Department: TECHNICAL
Phone Number: (905) 793-7000
Date: JANUARY 2000

NA - Not Applicable
ND - Not Determined

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