

----- MATERIAL SAFETY DATA SHEET -----

Plant Products

PLANTEX 11-41-8 WATER SOLUBLE FERTILIZER

PRODUCT INFORMATION

PRODUCT IDENTIFIER: Plantex 11-41-8 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

EXPOSURE LIMITS: ND
 SYNERGISTIC PRODUCTS: ND
 SENSITIZATION/IRRITANCY: None known
 CARCINOGENICITY/TERATOGENICITY/MUTAGENICITY/REPRODUCTIVE EFFECTS: None known

HAZARDOUS INGREDIENTS

Hazardous Ingredients	C.A.S./N.A./UN No.	%
Potassium Nitrate	CAS 7757-79-1	14
LD50: ND		

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. Sweep up spilled material and use or dispose of in approved manner. Prevent entry into waterways.
 DISPOSAL: Dispose of in non crop areas away from waterways, in accordance with federal, state 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: Not regulated by TDG.

PHYSICAL DATA

PHYSICAL STATE: Solid
 ODOUR THRESHOLD: NA
 VAPOUR PRESSURE: ND
 EVAPORATION RATE: ND
 FREEZING POINT: NA
 pH: NA
 ODOUR AND APPEARANCE: Fine powder, slight ammonia odour
 SPECIFIC GRAVITY: NA
 VAPOUR DENSITY: ND
 BOILING POINT: NA
 DENSITY: 0.86 g/mL

FIRST AID MEASURES

SKIN: Wash with soap and water. Flush affected areas with large amount of cold water.
 EYES: Flush immediately with water for 15 minutes or until irritation subsides. If irritation persists, seek medical advice.
 INHALATION: If ammonia gas is inhaled from heated fertilizer and breathing has stopped begin artificial respiration. If breathing is laboured give oxygen. Seek medical attention.
 INGESTION: For large amounts seek medical attention immediately.

FIRE AND EXPLOSION HAZARD

FLAMMABILITY: Non-flammable
 MEANS OF EXTINCTION: This product does not burn. Wear SCBA if this product is involved in a fire.
 FLASHPOINT: NA
 UEL: NA
 LEL: NA
 AUTO-IGNITION TEMPERATURE: ND
 TDG FLAMMABILITY CLASS: Non-flammable
 HAZARDOUS COMBUSTION PRODUCTS: May release hydrogen cyanide, carbon monoxide, ammonia, oxides of nitrogen, phosphates when decomposed.

PREPARATION INFORMATION

DEPARTMENT: Technical
 PHONE NUMBER: (905) 793-7000
 DATE: January 1998
 NA - Not Applicable
 ND - Not Determined

REACTIVITY DATA

CHEMICAL STABILITY: Stable when dry
 INCOMPATIBILITY: Strong acids, strong alkalis, oxidizers
 CONDITIONS OF REACTIVITY: Wet conditions or when heated
 HAZARDOUS DECOMPOSITION PRODUCTS: Ammonia may be release when heated above 230 deg F.

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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.
 INGESTION: Excessive ingestion must occur before any health hazard results. Effects of overexposure may include nausea, vomiting, diarrhea, weakness or convulsions.

COMPAS Code: 10991400