

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

Plantex

PLANTEX 7-11-27 WATER SOLUBLE FERTILIZER

PRODUCT INFORMATION

PRODUCT IDENTIFIER: Plantex 7-11-27 Water Soluble Fertilizer
MANUFACTURER'S NAME: PLANTEX CORP.
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	%	LD50
Potassium Nitrate	50	ND
C.A.S./N.A./UN No.: CAS 7757-79-1		

PHYSICAL DATA

PHYSICAL STATE: Solid
ODOUR THRESHOLD: NA
VAPOUR PRESSURE: ND
EVAPORATION RATE: ND
FREEZING POINT: NA
pH: ND
ODOUR AND APPEARANCE: Fine blue powder
SPECIFIC GRAVITY: NA
VAPOUR DENSITY: ND
BOILING POINT: NA
DENSITY: 1.35 g/mL

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.
FLASHPOINT: NA
UEL: NA
LEL: NA
AUTO-IGNITION TEMPERATURE: ND
TDG FLAMMABILITY CLASS: Non-flammable
HAZARDOUS COMBUSTION PRODUCTS: Ammonia, oxides of nitrogen, carbon monoxide, sulfur oxides

REACTIVITY DATA

CHEMICAL STABILITY: Stable when dry
INCOMPATIBILITY: Strong acids, strong alkalies, oxidizers, organics
CONDITIONS OF REACTIVITY: Moist, wet conditions or fire
HAZARDOUS DECOMPOSITION PRODUCTS: Ammonia, oxides of nitrogen

TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY:
SKIN CONTACT:
EFFECTS OF ACUTE OR CHRONIC EXPOSURE: Irritation could occur with prolonged exposure to dry fertilizer or fertilizer solution
SKIN ABSORPTION:
EFFECTS OF ACUTE OR CHRONIC EXPOSURE: Not known to be absorbed through the skin.
EYE CONTACT:
EFFECTS OF ACUTE OR CHRONIC EXPOSURE: Irritation could occur if fertilizer solution is splashed in eyes or dry product contacted.
INHALATION:
EFFECTS OF ACUTE OR CHRONIC EXPOSURE: Very low vapour activity. If heated could release ammonia gas. Can cause respiratory tract irritation.

INGESTION:

EFFECTS OF ACUTE OR CHRONIC EXPOSURE: Excessive ingestion must occur before any health hazard results. Effects of overexposure may include nausea, vomiting, diarrhea, weakness or convulsions.

EXPOSURE LIMITS: ND

SYNERGISTIC PRODUCTS: ND

SENSITIZATION/IRRITANCY: May 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 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 dry place.

SHIPPING INFORMATION:

SHIPPING NAME: Potassium Nitrate mixture

UN NUMBER: 1486

PLACARD: 5.1 Oxidizer

PACKING GROUP: III

FIRST AID MEASURES:

SKIN: Wash with soap and water. Flush affected areas with large amount of cold water.

EYES: Flush immediately with large amount of water. Seek attention if irritation persists.

INHALATION: Remove to fresh air if effects occur. Consult physician.

INGESTION: For large amounts seek medical attention immediately.

ADDITIONAL INFORMATION

PREPARATION INFORMATION

DEPARTMENT: Technical
PHONE NUMBER: (905) 793-8000
DATE: January 1997

NA - Not Applicable

ND - Not Determined

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES: although preparer and owner have taken reasonable care in the preparation of this document, we extend no warranties and make no representation as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each user should make a determination as to the suitability of the information for their particular purpose(s). A request has been made to the manufacturer to approve the contents of this material safety data sheet. Upon receipt of any changes a new MSDS will be made available.

COMPAS Code: 43470090