

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

Plantco

PLANTEX 35-5-10 LAWN PERFECT FERTILIZER

PRODUCT INFORMATION

PRODUCT IDENTIFIER: Plantex 35-5-10 Lawn Perfect Fertilizer  
 MANUFACTURER'S NAME: PLANTCO INC.  
 314 ORENDA RD.  
 BRAMPTON, ONTARIO, CANADA  
 L6T 1G1  
 EMERGENCY PHONE NO.: 1-613-996-6666  
 PRODUCT USE: Water-Soluble Fertilizer for plants

INGESTION: 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: Urea can cause allergic reactions in some individuals  
 CARCINOGENICITY/TERATOGENICITY/MUTAGENICITY/REPRODUCTIVE EFFECTS: None known

HAZARDOUS INGREDIENTS

Hazardous Ingredients	C.A.S./N.A./UN No.	%	LD50
Potassium Nitrate	CAS 7757-79-1	15	ND
Urea	CAS 57-13-6	75	511mg/kg

PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:  
 RESPIRATORY: Dust mask if conditions warrant  
 EYES: Wear safety glasses to avoid eye contact  
 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 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: Not regulated by TDG

PHYSICAL DATA

PHYSICAL STATE: Solid  
 ODOUR THRESHOLD: NA  
 VAPOUR PRESSURE: ND  
 EVAPORATION RATE: ND  
 FREEZING POINT: NA  
 pH: ND  
 ODOUR AND APPEARANCE: Fine powder, slight ammonia odour  
 SPECIFIC GRAVITY: NA  
 VAPOUR DENSITY: ND  
 BOILING POINT: NA  
 DENSITY: 0.82g/mL

FIRST AID MEASURES

SKIN: Wash with soap and water. Thermal burns require immediate medical attention. Flush affected areas with large amount of cold water.  
 EYES: Flush immediately with large amount of water. 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: Use flooding quantities of water. Do not use water jet. Wear SCBA and full protective clothing.  
 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 when decomposed.

ADDITIONAL INFORMATION

REACTIVITY DATA

CHEMICAL STABILITY: Stable when dry  
 INCOMPATIBILITY: Strong acids, strong alkalies, oxidizers, organics  
 CONDITIONS OF REACTIVITY: Wet conditions or when heated  
 HAZARDOUS DECOMPOSITION PRODUCTS: Ammonia, nitrates, nitrites

PREPARATION INFORMATION

DEPARTMENT: TECHNICAL  
 PHONE NO.: 1-416-793-7000  
 DATE: August 9, 1990  
 ND - NOT DETERMINED  
 NA - NOT APPLICABLE

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. Contact with heated material may cause thermal burns.  
 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. Heated material may cause thermal burns.  
 INHALATION: Very low vapour activity. If heated could release ammonia gas. Can cause respiratory tract irritation.

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COMPAS Code: 1100200