MATERIAL SAFETY DATA SHEET

PRODUCT INFORMATION

Product Identifier **PLANTEX 17-5-19 POINSETTIA**

Manufacturer's Name PLANT PRODUCTS CO. LTD.

Address 314 ORENDA ROAD
BRAMPTON, ONTARIO
L6T 1G1 CANADA

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.	%	LD_{50}
POTASSIUM NITRATE	CAS 7757-79-1	42	ND
AMMONIUM NITRATE	CAS 6482-52-2	31	4820/mg/kg (ORAL, RAT)

PHYSICAL DATA

Physical State: SOLID

Odour and Appearance: FINE POWDER, 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: 1.06 g/mL

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.

Flashpoint: NA **UEL:** NA **LEL:** NA

Auto-ignition Temperature: ND

TDG Flammability Class: NON FLAMMABLE

Hazardous Combustion Products:
AMMONIA, OXIDES OF NITROGEN

REACTIVITY DATA

Chemical Stability: STABLE N 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

TOXICOLOGICAL PROPERTIES

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

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

Shipping Information:
SHIPPING NAME: AMMONIUM NITRATE FERTILIZERS, N.O.S.
(AMMONIUM NITRATE, POTASSIUM NITRATE)

UN NUMBER: 2072 PACKIING GROUP: II
PLACARD - 5.1 OXIDIZER

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. GIVE WARM WATER AND INDUCE VOMITING. DO NOT INDUCE VOMITNG OR GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. SEEK MEDICAL ATTENTION.

PREPARATION INFORMATION

Department:	**Phone Number:**	**Date:**
TECHNICAL	(905) 793-8000	SEPTEMBER 2010

NA - Not Applicable
ND - Not Determined