

PRODUCT INFORMATION

Product Identifier	PLANTEX 20-20-20 WATER SOLUBLE FERTILIZER
Manufacturer's Name	PLANT PRODUCTS CO. LTD.
Address	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.	%	LD ₅₀
POTASSIUM NITRATE	CAS 7757-79-1	43	ND

PHYSICAL DATA

Physical State:		Odor and Appearance:	
SOLID		FINE BLUE POWDER, SLIGHT AMMONIA ODOR	
Odor Threshold:	NA	Specific Gravity:	NA
Vapor Pressure:	ND	Vapor Density:	ND
Evaporation Rate:	ND	Boiling Point:	NA
Freezing Point:	NA	Density:	0.73 g/mL
pH: (10% SOLUTION)	3.6		

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 IF PRODUCT IS INVOLVED IN A FIRE.

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

Auto-ignition Temperature: ND **TDG Flammability Class:**
NON-FLAMMABLE

Hazardous Combustion Products:

AMMONIA, OXIDES OF NITROGEN, CYANURIC ACID, CO₂

REACTIVITY DATA

Chemical Stability: STABLE WHEN DRY

Incompatibility: STRONG ACIDS, STRONG ALKALIES, OXIDIZERS, ORGANICS

Conditions of Reactivity: MOIST, WET CONDITIONS OR WHEN HEATED

Hazardous Decomposition Products: AMMONIA, OXIDES OF NITROGEN, CYANURIC ACID, 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. 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 CUASE THERMAL BURNS.

INHALATION - VERY LOW VAPOR 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.

Exposure Limits:

ND

Synergistic Products:

ND

Sensitization / Irritancy:

UREA CAN CAUSE ALLERGIC REACTIONS IN SOME INDIVIDUALS.

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. SWEEP UP SPILLED MATERIAL AND USE OR DISPOSE OF IN APPROVED MANNER.

PREVENT ENTRY INTO WATERWAYS.

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:

NOT REGULATED BY TDG

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 FOR 15 MINUTES OR UNTIL IRRITATION SUBSIDES. SEEK ATTENTION IF IRRITATION PERSISTS.

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.

ADDITIONAL INFORMATION:

PREPARATION INFORMATION

Department:

Phone Number:

Date:

TECHNICAL

(905) 793-8000

SEPTEMBER 2010

NA - Not Applicable
ND - Not Determined