

MATERIAL SAFETY DATA SHEET

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PRODUCT INFORMATION

Product Identifier	PLANT-PROD® 30-8-8 TREE 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	PLANT FERTILIZER

HAZARDOUS INGREDIENTS

Hazardous Ingredients	C.A.S. / N.A. / UN No.	%	LD ₅₀
NONE			

WHMIS CLASSIFICATION: NOT CONTROLLED

PHYSICAL DATA

Physical State:	SOLID	Odour and Appearance:	
			FINE BLUE POWDER
Odour Threshold (ppm):	NA	Specific Gravity:	NA
Vapour Pressure (mmHg C 20° C):	ND	Vapour Density (AM=1):	ND
Evaporation Rate:	ND	Boiling Point:	NA
Freezing Point:	NA	Density:	0.7
g/mL			
pH:	ND		

FIRE AND EXPLOSION HAZARD

Flammability: NON-FLAMMABLE

Means of Extinction: USE FLOODING QUANTITIES OF WATER. WEAR SCBA AND FULL PROTECTIVE CLOTHING. DO NOT BREATHE FUMES. REMOVE FROM AREA OF FIRE AT FIRST OPPORTUNITY.

Flashpoint: NA UEL: NA LEL: NA

Auto-ignition Temperature: ND TDG Flammability Class: NON COMBUSTIBLE

Hazardous Combustion Products: IF HEATED TO DECOMPOSITION WILL GIVE OFF TOXIC FUMES OF FORMALDEHYDE, AMMONIA, SULFUR OXIDE, CYANURIC ACID, NITROGEN OXIDES, PHOSPHORUS OXIDES.

REACTIVITY DATA

Chemical Stability: STABLE WHEN DRY

Incompatibility: STRONG ACIDS, STRONG ALKALIES, ALUMINUM POWDER

Conditions of Reactivity: MOIST, WET CONDITIONS OR TEMPERATURES ABOVE 270°C

Hazardous Decomposition Products: FINE DUST DISPERSION IN THE AIR MAY FORM AN EXPLOSIVE MIXTURE. FORMALDEHYDE, AMMONIA, SULFUR OXIDES, CYANURIC ACID, NITROGEN OXIDES, PHOSPHORUS OXIDES.

TOXICOLOGICAL PROPERTIES

Route of Entry:

Effects of Acute or Chronic Exposure:

SKIN CONTACT - IRRITATION COULD OCCUR WITH PROLONGED EXPOSURE TO DRY FERTILIZER OR FERTILIZER SUSPENSION. 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 AND FORMALDEHYDE. CAN CAUSE RESPIRATORY TRACT IRRITATION.

INGESTION - EXCESSIVE INGESTION MUST OCCUR BEFORE ANY HEALTH HAZARD RESULTS. EFFECTS OF OVEREXPOSURE MAY INCLUDE NAUSEA, VOMITING, DIARRHEA, WEAKNESS, CONVULSIONS, SLOW REFLEXES AND SLURRED SPEECH.

Exposure Limits: ND

Synergistic Products: ND

Sensitization / Irritancy: UREA CAN CAUSE ALLERGIC REACTIONS IN SOME INDIVIDUALS.

Carcinogenicity / Teratogenicity / Mutagenicity / Reproductive Effects:
A SMALL AMOUNT OF ARSENIC MAY BE PRESENT. ARSENIC IS CARCINOGEN.

PREVENTIVE MEASURES:

Personal Protective Equipment:

SKIN - WEAR IMPERMEABLE GLOVES TO AVOID SKIN CONTACT.

INHALATION - DUST MASK IF CONDITIONS WARRANT.

EYES - WEAR SAFETY GLASSES TO AVOID EYE CONTACT. DO NOT WEAR CONTACT LENSES.

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 AND SEWERS.

PREVENTIVE MEASURES (continued)

Disposal: DISPOSE OF IN NON CROP AREAS AWAY FROM WATERWAYS, IN ACCORDANCE WITH FEDERAL, PROVINCIAL AND LOCAL REGULATIONS.

Handling Procedures and Equipment: AVOID DIRECT AND PROLONGED CONTACT WITH SKIN. DO NOT EAT, DRINK OR SMOKE WHILE HANDLING THIS PRODUCT.

Storage Requirements: KEEP OUT OF REACH OF CHILDREN. STORE IN A COOL, DRY PLACE.

Shipping Information: NOT REGULATED BY TDG

FIRST AID MEASURES:

SKIN - REMOVE CONTAMINATED CLOTHING AND WASH WITH SOAP AND WATER FOR AT LEAST 15 MINUTES. THERMAL BURNS REQUIRE IMMEDIATE MEDICAL ATTENTION. FLUSH AFFECTED AREAS WITH LARGE AMOUNTS OF COLD WATER.

EYES - FLUSH IMMEDIATELY WITH LARGE AMOUNT OF WATER.

INHALATION - REMOVE VICTIM TO FRESH AIR. 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

AVOID CONTAINERS, FITTINGS OR PIPING OF COPPER ALLOYS OR GALAVANIZED METALS.

PREPARATION INFORMATION

Department:

Phone Number:

Date:

TECHNICAL

(905) 793-7000

SEPTEMBER 2007

NA - Not Applicable
ND - Not Determined