



Sure-Gro Inc.
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MATERIAL SAFETY DATA SHEET

1 of 3

PRODUCT INFORMATION

Product Identifier	PLANT-PROD® 30-10-10 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
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WHMIS CLASSIFICATION: NOT CONTROLLED

PHYSICAL DATA

Physical State:	SOLID	Odour and Appearance:	FINE POWDER, SLIGHT AMMONIA ODOUR
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:	0.87
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.

Flashpoint: NA	UEL: NA	LEL: NA
Auto-ignition Temperature: ND	TDG Flammability Class: NON-FLAMMABLE	
Hazardous Combustion Products: CARBON DIOXIDE, AMMONIA, NITROGEN AND PHOSPHORUS OXIDES		

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, NITROGEN AND PHOSPHORUS OXIDES, CARBON DIOXIDE

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.

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:

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, SEWERS, BASEMENTS OR CONFINED AREAS.

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.

Storage Requirements: KEEP OUT OF REACH OF CHILDREN. STORE IN A COOL, 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 WATER FOR 15 MINUTES OR UNTIL IRRITATION SUBSIDES. 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.

PREPARATION INFORMATION

Department:

Phone Number:

Date:

TECHNICAL

(905) 793-7000

MARCH 2009

NA - Not Applicable
ND - Not Determined