



Sure-Gro Inc.
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PRODUCT INFORMATION

Product Identifier PLANT-PROD PLUS 10-52-10 WATER SOLUBLE FERTILIZER

Manufacturer's Name PLANT PRODUCTS CO. LTD.
Address 314 ORENDA ROAD
BRAMPTON, ONTARIO
L6T 1G1

EMERGENCY 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	6.5	ND

WHMIS CLASSIFICATION: NOT CONTROLLED

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: 1.05 g/mL
pH: (10% Solution) 3.6	

FIRE AND EXPLOSION HAZARD

Flammability: NON-FLAMMABLE

Means of Extinction:

THIS PRODUCT DOES NOT BURN. WEAR SCBA AND FULL PROTECTIVE CLOTHING
IF PRODUCT IS INVOLVED IN FIRE.

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

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

Hazardous Combustion Products:

CARBON MONOXIDE, CARBON DIOXIDE, AMMONIA, NITROGEN OXIDES, PHOSPHORUS OXIDES,
CYANURIC ACID.

REACTIVITY DATA

Chemical Stability: STABLE WHEN DRY
Incompatibility: STRONG ACIDS, STRONG ALKALIES, OXIDIZERS
Conditions of Reactivity: WET CONDITIONS OR WHEN HEATED
Hazardous Decomposition Products: AMMONIA, 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 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.

INGESTION - EXCESSIVE INGESTION MUST OCCUR BEFORE ANY HEALTH HAZARD RESULTS. EFFECTS OF OVER-EXPOSURE MAY INCLUDE NAUSEA, VOMITING, DIARRHEA, WEAKNESS OR CONVULSIONS.

Exposure Limits:

ND

Synergistic Products:

ND

Sensitization / Irritancy: ND

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, 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.

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PREPARATION INFORMATION

Department:

TECHNICAL

Date:

January 1, 2008