



Sure-Gro Inc.
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PRODUCT INFORMATION

Product Identifier SMARTCOTE 12-14-12 ANNUAL FLOWER

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	18-20	ND
AMMONIUM NITRATE	CAS 6482-52-2	24-26	4820 mg/kg
RESIN COATING		8-12	
WHMIS CLASSIFICATION:	NOT CONTROLLED		

PHYSICAL DATA

Physical State:

SOLID

Odour and Appearance:

GREY PRILLS

Odour Threshold: NA

Specific Gravity: 1.8

Vapour Pressure: ND

Vapour Density: ND

Evaporation Rate: ND

Boiling Point: NA

Freezing Point: NA

Density: 1.0 g/mL

pH: (10% Solution) NA

FIRE AND EXPLOSION HAZARD

Flammability: NON-FLAMMABLE

Means of Extinction:

USE FLOODING QUANTITIES OF WATER 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:

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

REACTIVITY DATA

Chemical Stability: STABLE WHEN DRY
Incompatibility: REDUCING AGENTS
Conditions of Reactivity: WET CONDITIONS OR WHEN HEATED
Hazardous Decomposition Products: OXIDES OF NITROGEN.

TOXICOLOGICAL PROPERTIES

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

SKIN CONTACT – NO KNOWN EFFECTS.

SKIN ABSORPTION - NOT KNOWN TO BE ABSORBED THROUGH THE SKIN.

EYE CONTACT – NO KNOWN EFFECTS.

INHALATION - VERY LOW VAPOR ACTIVITY. IF HEATED COULD RELEASE OXIDES OF NITROGEN WHICH CAN BE TOXIC BY INHALATION.

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