
PRODUCT INFORMATION

Product Identifier PLANTEX 21-7-7 ACID

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 | 16 | ND |

WHMIS CLASSIFICATION NOT CONTROLLED

PHYSICAL DATA

| | |
|---------------------------------|---|
| Physical State: SOLID | Odor and Appearance: POWDER, SLIGHT AMMONIA ODOUR |
| Odor Threshold: NA | Specific Gravity: NA |
| Vapor Pressure: ND | Vapor Density: ND |
| Evaporation Rate: ND | Boiling Point: NA |
| Freezing Point: NA | Density: 1.18 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:
AMMONIA, OXIDES OF NITROGEN, PHOSPHORUS, SULFATE AND CARBON

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, OXIDES OF NITROGEN, PHOSPHORUS, SULFATE AND CARBON

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:**

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 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.

ADDITIONAL INFORMATION:

PREPARATION INFORMATION

Department:

Phone Number:

Date:

TECHNICAL

(905) 793-7000

APRIL 2010

NA - Not Applicable

ND - Not Determined