

PRODUCT INFORMATION

Product Identifier **PLANT-PROD CHELATES:**
IRON 13.2% (EDTA) **IRON 7% (DTPA)**
MAGNESIUM 5.8% (EDTA) **ZINC 14% (EDTA)**
MANGANESE 13% (EDTA) **COPPER 14% (EDTA)**
IRON 6% (EDDHA)

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

Emergency Phone Number CANUTEC (613) 996-6666

Product Use WATER SOLUBLE FERTILIZER FOR PLANTS

HAZARDOUS INGREDIENTS

Hazardous Ingredients	C.A.S. / N.A. / UN No.	%	LD ₅₀
TRISODIUM NITRILOTRIACETIC ACID	5064-31-3	0 - 1.4%	NA

WHMIS CLASSIFICATION D2A - CARCINOGENIC

PHYSICAL DATA

Physical State: SOLID		Odour and Appearance: FINE POWDER	
Odour Threshold:	ND	Specific Gravity:	ND
Vapour Pressure:	ND	Vapour Density:	ND
Evaporation Rate:	ND	Boiling Point:	ND
Freezing Point:	ND	Density:	ND

FIRE AND EXPLOSION HAZARD

Flammability: VERY LOW RISK

Means of Extinction:

CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER SPRAY. DUST GENERATED IN HANDLING CAN BE EXPLOSIVE IF SUFFICIENT QUANTITIES ARE MIXED IN AIR IN WHICH CASE IGNITION SOURCES SHOULD BE AVOIDED.

Flashpoint: NONE **UEL:** **LEL:** NA

Auto-ignition Temperature: ND **TDG Flammability Class:** NA

Hazardous Combustion Products:

NONE KNOWN. DECOMPOSES ABOVE 250° C.

REACTIVITY DATA

Chemical Stability: STABLE AND WILL NOT REACT VIOLENTLY WITH WATER

Incompatibility: STRONG OXIDANTS AND STRONG BASES

Conditions of Reactivity:

Hazardous Decomposition Products:

BURNING MAY PRODUCE CARBON MONOXIDE AND/OR CARBON DIOXIDE.

TOXICOLOGICAL PROPERTIES

Route of Entry:

Effects of Acute or Chronic Exposure:

SKIN CONTACT - NONE KNOWN

SKIN ABSORPTION - NONE KNOWN

EYE CONTACT - CAN BE SLIGHTLY IRRITATING

INHALATION - RESPIRATORY IRRITATION. NITRILOTRIACETIC ACID IS LISTED AS A CARCINOGEN BY NTP, UNDER CONDITIONS OF CHRONIC EXPOSURE.

INGESTION - NOT ACUTELY TOXIC BY INGESTION

Exposure Limits:

10 mg/m³ (8-HOUR TWA, TOTAL INHALABLE DUST)

Synergistic Products:

Sensitization / Irritancy:

NOT A SENSITIZER

Carcinogenicity:

LISTED BY NTP

Teratogenicity / Mutagenicity / Reproductive Effects:

NEGATIVE

PREVENTIVE MEASURES:

Personal Protective Equipment:

RESPIRATORY - WEAR A DUST MASK TO AVOID INHALTION.

EYES - WEAR SPLASH GOGGLES OR FACE SHIELD TO AVOID EYE CONTACT.

DO NOT WEAR CONTACT LENSES.

SKIN – USE PVC OR RUBBER GLOVES TO AVOID PROLONGED OR REPEATED SKIN CONTACT.

Engineering Controls:

VENTILATE TO CONTROL DUST

Leak or Spill Procedure:

VACUUM UP DRY AND FLUSH SPILL AREA WITH WATER. DILUTE SOLUTIONS CAN BE FLUSHED WITH COPIOUS AMOUNTS OF WATER OR ABSORBED WITH AN INERT MATERIAL AND CONTAINED FOR DISPOSAL. PREVENT ENTRY INTO WATERWAYS OR SEWERS.

PREVENTIVE MEASURES (continued)

Disposal:

DISPOSE OF IN ACCORDANCE WITH FEDERAL, PROVINCIAL AND LOCAL REGULATIONS.

Handling Procedures and Equipment:

AVOID DIRECT AND PROLONGED CONTACT WITH SKIN. AVOID BREATHING DUST.

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.

EYES - FLUSH IMMEDIATELY WITH WATER FOR 15 MINUTES OR UNTIL IRRITATION SUBSIDES.
IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

INHALATION - REMOVE TO FRESH AIR. BLOW NOSE TO REMOVE AS MUCH OF THE PRODUCT
AS POSSIBLE. IF RECOVERY IS DELAYED SEEK MEDICAL ATTENTION.

INGESTION - IF INGESTED WATER MAY BE GIVEN TO DRINK OR USED TO WASH OUT MOUTH IF
PATIENT IS FULLY CONSCIOUS AND NOT CONVULSING. DO NOT GIVE AN EMETIC UNLESS
DIRECTED BY DOCTOR. SEEK MEDICAL ADVICE IMMEDIATELY.

ADDITIONAL INFORMATION:

TETRASODIUM EDTA LD₅₀ ORAL (RAT) 1658 - 2700 mg/kg

PREPARATION INFORMATION

Department:

Phone Number:

Date:

TECHNICAL

(905) 793-7000

AUGUST 2009

NA - Not Applicable
ND - Not Determined