
PRODUCT INFORMATION

Product Identifier **IRON CHELATE 7%**

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
SODIUM NITRILOTRIACETATE	5064-31-3	1-5%	1100 mg/kg (ORAL, RAT)

WHMIS CLASSIFICATION: CONSUMER COMMODITY

PHYSICAL DATA

Physical State:	Odour and Appearance:
SOLID	FINE POWDER
Odour Threshold: NA	Specific Gravity: NA
Vapour Pressure: ND	Vapour Density: ND
Evaporation Rate: ND	Boiling Point: ND
Freezing Point: NA	Density: ND
pH: (10% Solution) ND	

FIRE AND EXPLOSION HAZARD

Flammability: VERY LOW RISK

Means of Extinction:

CO₂, 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: ND	LEL: NA
Auto-ignition Temperature:	TDG Flammability Class:	
ND	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: **Synergistic Products:**
10 mg/m³ ND

Sensitization / Irritancy: NOT A SENTITIZER

Carcinogenicity **Teratogenicity /Mutagenicity / Reproductive Effects:**
LISTED BY NTP NEGATIVE

PREVENTIVE MEASURES:**Personal Protective Equipment:**

RESPIRATORY – NORMALLY NOT NEEDED, WEAR A DUST MASK, IF NEEDED, TO AVOID INHALATION.

EYES- EAR SPLASH GOGGLES OR FACE SHIELD TO AVOID EYE CONTACT. DO NOT WEAR CONTACT LENSES

SKIN – USE PVC 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 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. 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 ADVICE.

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 A DOCTOR. SEEK MEDICAL ADVICE IMMEDIATELY.

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PREPARATION INFORMATION

Department:

TECHNICAL

Date:

SEPT. 1, 2013
