

MATERIAL SAFETY DATA SHEET

PRODUCT INFORMATION

Product Identifier	VENDEX 50WP	(PCP # 16309)
Manufacturer's Name	Plant Products Inc.	
Address	50 Hazelton St, Leamington, ON N8B 1B8	
Emergency Phone Number	1-613-996-6666	
Product Use	Miticide	

HAZARDOUS INGREDIENTS

Hazardous Ingredients	C.A.S. / N.A. / UN No.	%	LD₅₀
HEXAKIS (FENBUTATIN-OXIDE) [(2-METHYL-2-PHENYLPROPYL) DISTANNOXANE]	13356-08-6	50	>2,000 mg/kg (RAT)

WHMIS CLASSIFICATION EXEMPT - PEST CONTROL PRODUCTS ACT

PHYSICAL DATA

Physical State:	SOLID	Odour and Appearance:	OFF-WHITE POWDER
Solubility (H₂O):	NEGLIGIBLE	Specific Gravity:	>1
Odour Threshold:	ND	Vapour Density:	ND
Vapour Pressure:	ND	Boiling Point:	ND
Evaporation Rate:	ND	Bulk Density:	224 kg/m ³ (LOOSE)
Freezing Point:	ND		320 kg/m ³ (PACKED)
pH:	ND		

FIRE AND EXPLOSION HAZARD

Flammability: NON FLAMMABLE

Means of Extinction: WATER SPRAY, FOAM, DRY CHEMICAL OR CO₂. WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT. RUN-OFF FROM FIRE CONTROL MAY BE A POLLUTION HAZARD. MAY FORM EXPLOSIVE MIXTURES IN AIR UNDER SEVERE DUSTING CONDITIONS.

Flashpoint: ND **UEL:** ND **LEL:** ND

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

Hazardous Combustion Products: ND

REACTIVITY DATA

Chemical Stability: STABLE AT NORMAL TEMPERATURES AND STORAGE CONDITIONS

Incompatibility: NONE EXPECTED

Conditions of Reactivity:

Hazardous Decomposition Products: DECOMPOSITION WILL NOT OCCUR

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

SKIN CONTACT - MAY CAUSE SKIN IRRITATION WITH DISCOMFORT OR RASH. LD₅₀ >2,000 mg/kg (RAT)
MODERATELY TOXIC BY SKIN CONTACT. REPEATED APPLICATIONS TO SKIN PRODUCE SKIN THICKENING.

EYE CONTACT - MAY CAUSE SEVERE EYE IRRITATION WITH DISCOMFORT, TEARING OR BLURRING OF VISION AND EYE DAMAGE. CORROSIVE.

INHALATION - LC₅₀ 0.30 mg/L (4 HOUR, RAT). HIGHLY TOXIC BY INHALATION.

INGESTION - LD₅₀ >2,000 mg/kg (RAT). SLIGHTLY TOXIC BY INGESTION. MAY CAUSE NAUSEA, HEADACHE OR WEAKNESS OR ABNORMAL KIDNEY FUNCTION AS DETECTED BY LABORATORY TEST.

Exposure Limits: ACCEPTABLE EXPOSURE LIMIT (DUPONT) 0.1 mg/m³
8-12 HOUR TWA TOTAL "VENDEX" DUST

Sensitization: ND

Carcinogenicity: NONE OF THE COMPONENTS AT CONCENTRATIONS EQUAL TO OR GREATER THAN 0.1% ARE LISTED BY IARC, NTP OR OSHA.

Teratogenicity / Mutagenicity / Reproductive Effects: ND
MAY HAVE DEVELOPMENTAL EFFECTS BUT ONLY AT DOSES THAT ARE TOXIC TO THE ADULT ANIMALS.

PREVENTIVE MEASURES:**Personal Protective Equipment:**

SKIN - CHEMICAL RESISTANT GLOVES AND PROTECTIVE CLOTHING

INHALATION - WEAR A NIOSH APPROVED RESPIRATOR

EYES - GOGGLES OR FACESHIELD WHEN MIXING AND LOADING

Engineering Controls: USE ONLY WITH ADEQUATE VENTILATION

Leak or Spill Procedure: SOAK UP WITH SAWDUST, SAND, OIL DRY OR OTHER ABSORBENT MATERIAL.
SHOVEL OR SWEEP UP.

PREVENTIVE MEASURES (continued)

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

Handling Procedures and Equipment: DANGER! CORROSIVE. THIS PRODUCT MAY CAUSE SKIN IRRITATION, RESPIRATORY IRRITATION, AND EYE DAMAGE. HARMFUL IF SWALLOWED. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. AVOID BREATHING VAPOURS OR MIST. WASH THOROUGHLY AFTER HANDLING. WASH HANDS BEFORE EATING, DRINKING OR SMOKING.

Storage Requirements: STORE IN A COOL, DRY AND WELL VENTILATED LOCATION AWAY FROM FOOD OR DRINK. KEEP CONTAINER TIGHTLY CLOSED.

Shipping Information:

SHIPPING NAME: ORGANOTIN PESTICIDES, SOLID, TOXIC (FENBUTATIN OXIDE 50%)
PACKING GROUP: II (6.1) **UN NUMBER:** 2786
PLACARD: PLACARD 6 POISON
LIMITED QUANTITY: 0.5 kg
 MARINE POLLUTANT

FIRST AID MEASURES:

SKIN - IMMEDIATELY WASH SKIN WITH SOAP AND WATER. WASH CONTAMINATED CLOTHING BEFORE REUSE.

EYES - IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN IMMEDIATELY.

INHALATION - REMOVE VICTIM TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. GET MEDICAL ATTENTION IMMEDIATELY.

INGESTION - IMMEDIATELY GIVE 2 GLASSES OF WATER AND INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION IMMEDIATELY.

NOTE TO PHYSICIAN: PROBABLE MUCOSAL DAMAGE MAY CONTRAINDICATE THE USE OF GASTRIC LAVAGE. MEASURES AGAINST CIRCULATORY SHOCK, RESPIRATORY DEPRESSION AND CONVULSIONS MAY BE NEEDED.

ADDITIONAL INFORMATION:

HEXAKIS (FENBUTATION OXIDE) IS EXTREMELY TOXIC TO FISH:
 LC₅₀ (96 HOUR) FOR BLUEGILL SUNFISH IS 0.0069 mg/L
 LC₅₀ (96 HOUR) FOR RAINBOW TROUT IS 0.0066 mg/L

 LC₅₀ (ORAL) FOR BOBWHITE QUAIL IS 5065 ppm

PREPARATION INFORMATION

Department:	Phone Number:	Date:
TECHNICAL	519-326-9037	2015-03-10

NA - Not Applicable
 ND - Not Determined