

# MATERIAL SAFETY DATA SHEET



911 Western Avenue  
Suite 206  
Seattle, WA 98104

For Emergency Spill Information  
Call CHEMTREC 800-424-9300  
For Medical Emergencies call 800-308-5391

Creation Date: 02/24/03

## SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT NAME: <b>Quali-Pro 720 Flowable Chlorothalonil Fungicide</b>	CHEMICAL FORMULA: <b>Tetrachloroisophthalonitrile</b>
CHEMICAL FAMILY: <b>Chlorinated Benzonitrile Fungicide</b>	
SIGNAL WORD: <b>WARNING</b>	

## SECTION 2 - HAZARDOUS INGREDIENT INFORMATION

Section 313 of SARA Title III: Ingredients subject to reporting are identified by asterisk (\*)

CAS NO.	COMPONENT	%	ACGIH TLV	OSHA PEL	OTHER
<b>1897-45-6</b>	<b>Tetrachloroisophthalonitrile</b>	<b>54.0</b>	<b>NE</b>	<b>NE</b>	<b>0.1 mg/m<sup>3</sup></b>
	<b>Inert ingredients</b>	<b>46.0</b>			

## SECTION 3 - PHYSICAL PROPERTIES

BOILING POINT: <b>212 F</b>	PH: <b>6 - 8</b>	SPECIFIC GRAVITY (H <sub>2</sub> O=1) <b>1.33</b>	VAPOR PRESSURE (mmHg) <b>5.72 x 10<sup>-7</sup> torr @25C</b>
VAPOR DENSITY (AIR=1): <b>Not determined</b>	% SOLUBILITY IN WATER: <b>Dispersible in water</b>	% VOLATILE BY WEIGHT: <b>34</b>	
APPEARANCE: <b>Off white liquid</b>	ODOR: <b>slight</b>	EVAPORATION RATE (Butyl Acetate=1)	

## SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT & METHOD: <b>Nonflammable</b>	FLAMMABLE LIMITS IN AIR - LEL: 0.8% UEL: 7% <b>Noncombustible</b>
--	--

EXTINGUISHING MEDIA:

**Dry chemical, water spray, foam, carbon dioxide**

SPECIAL FIRE FIGHTING PROCEDURES:

**If product is involved in a fire, wear positive-pressure, self-contained breathing apparatus and full protective clothing.**

UNUSUAL FIRE AND EXPLOSION HAZARDS:

**May decompose under fire conditions emitting gases and vapors (e.g. hydrogen chloride), which may be toxic and irritating to the respiratory tract.**

## SECTION 5 - REACTIVITY DATA

STABILITY: **Stable under normal conditions.**

HAZARDOUS POLYMERIZATION: **N/A**

HAZARDOUS DECOMPOSITION PRODUCTS:

**Hydrogen Chloride**

CONDITIONS & MATERIALS TO AVOID:

**Highly alkaline conditions**

## SECTION 6 - PROTECTIVE EQUIPMENT & EXPOSURE CONTROL METHODS

RESPIRATORY PROTECTION:

**Atmospheric levels should be maintained below the exposure guidelines. For most conditions, no respiratory protection should be needed; however, if handling without sufficient ventilation, use NIOSH approved air-purifying respirator with N, P or R 95 class filter and an organic vapor cartridge.**

VENTILATION	LOCAL EXHAUST: <b>ADEQUATE</b>	MECHANICAL: <b>ACCEPTABLE</b>	SPECIAL: <b>NONE</b>	OTHER: <b>NONE</b>
PROTECTIVE GLOVES: <b>Chemical resistant gloves (e.g., nitrile, neoprene)</b>	EYE PROTECTION: <b>Use chemical splash goggles or face shield</b>			
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: <b>NIOSH- approved dust respirator. Long-sleeved shirt, shoes, socks and long pants</b>	WORK/HYGIENIC PRACTICES: <b>AVOID SKIN AND EYE CONTACT REI 12 hours</b>			

PRODUCT NAME: Quali-Pro 720

## SECTION 7 - HEALTH HAZARDS

PRIMARY ROUTES OF ENTRY:

**INHALATION, INGESTION, SKIN AND EYES**

CARCINOGEN:

**NONE KNOWN**

NTP:

**N/A**

IARC MONOGRAPHS:

**N/A**

OSHA:

**Considered hazardous**

INHALATION:

**May cause irritation to the respiratory tract, but this is rarely observed.**

EYE CONTACT:

**May cause mild to severe irritation, depending on degree of exposure.**

SKIN CONTACT:

**Not readily absorbed through the skin. May cause skin irritation. May be potential skin sensitizer.**

INGESTION:

**May cause irritation to the digestive tract, following ingestion of large amounts**

## SECTION 8 - EMERGENCY & FIRST AID PROCEDURES

EYE CONTACT:

**Open eyes and flush with water at least 15 minutes. Do not attempt to neutralize with chemical agents. Seek medical attention immediately.**

SKIN CONTACT:

**Remove contaminated clothing and shoes. Wash with plenty of soap and water for 15-20 minutes or until no evidence of chemical remains. Seek medical attention immediately.**

INHALATION:

**Remove to fresh air if effects occur. Get prompt medical attention.**

INGESTION:

**DO NOT induce vomiting. If vomiting occurs, keep airway clear. Never give anything to an unconscious person. Seek medical attention immediately.**

**NOTE TO PHYSICIANS: Persons having temporary skin irritation symptoms may respond to treatment with antihistamines or steroid creams and/or systemic steroids.**

## SECTION 9 - SPILL, LEAK & DISPOSAL INFORMATION

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

**This product is toxic to fish. Keep out of lakes, streams or ponds. Contain spill. Remove as much as possible by absorbing with inert material. Scrub area with a hard water detergent (commercial products such as Spic and Span, Tide or Joy). Remove any contaminated soil. Place in closed, labeled containers and store in a safe place until disposed. Do not contaminate water while cleaning equipment or disposing of wastes.**

WASTE DISPOSAL METHOD:

**Pesticide wastes are toxic. Dispose of in accordance of State and Local pesticide disposal guidelines.**

## SECTION 10 - SHIPPING DATA

DOT SHIPPING NAME:

**Non-regulated**

## SECTION 11 - SPECIAL PRECAUTIONS & OTHER INFORMATION

SPECIAL INSTRUCTIONS:

**Read and follow all label instructions before use. Avoid contaminating water. Do not reuse containers. Open dumping is prohibited.**

OTHER INFORMATION/PRECAUTIONS:

### SARA TITLE III

313 Reportable Ingredients: This product contains chlorothalonil, which is listed in Section 313 above *de minimis* concentrations (40 CFR §372).

This material is listed as a carcinogen by California Proposition 65.

COMMON ABBREVIATIONS THAT MAY HAVE BEEN USED: N/A = NOT APPLICABLE N/E = NOT ESTABLISHED

The information provided on this Material Safety Data Sheet is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of FarmSaver.com. The data on this sheet relates only to the specific material designated herein. FarmSaver.com assumes no legal responsibility for the accuracy or completeness of this data, nor for use or reliance upon this data.

022403