

**FarmSaver.com**

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Chemtrec (24 Hours): (800) 424-9300

**"For Chemical Emergency"**

Spill, Leak, Fire, Exposure or Accident, Call:

Chemtrec (24 Hours): (800) 424-9300

Outside U.S., call collect: (703) 527-3887

## MATERIAL SAFETY DATA SHEET

### SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT NAME: <b>Quali-Pro Imidacloprid 0.5G (Insecticide)</b>	CHEMICAL NAME (FORMULA): <b>Imidacloprid (active ingredient)</b>
CHEMICAL CLASS: <b>Chloronicotinyl</b>	

### SECTION 2 - HAZARDOUS INGREDIENT INFORMATION

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

CAS NO.	COMPONENT	%	ACGIH TWA	OSHA Z1 PEL	OTHER
<b>138261-41-3</b>	<b>Imidacloprid</b>	<b>0.50</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
<b>41808-60-7</b>	<b>Quartz (Silica, Crystalline)</b>	<b>3.82</b>	<b>0.05 mg/m<sup>3</sup> (respirable fraction)</b>	<b>5.0 mg/m<sup>3</sup> (respirable fraction)</b>	<b>N/A</b>

### SECTION 3 - PHYSICAL PROPERTIES

BOILING POINT: <b>N/A</b>	MELTING POINT: <b>N/A</b>	BULK DENSITY: <b>55-60 lb/cu ft</b>	VAPOR PRESSURE: <b>NA</b>
VAPOR DENSITY (AIR=1): <b>N/A</b>	% SOLUBILITY IN WATER: <b>Insoluble</b>	% VOLATILE BY WEIGHT: <b>NA</b>	
APPEARANCE: <b>Solid Gray Granule</b>	ODOR: <b>None</b>	pH: <b>N/A</b>	

### SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT & METHOD: <b>Not Applicable</b>	FLAMMABLE LIMITS IN AIR (LFL - UFL): <b>Not Applicable</b>
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EXTINGUISHING MEDIA:

**Water, carbon dioxide (CO<sub>2</sub>), dry chemical, foam.**

SPECIAL FIRE FIGHTING PROCEDURES:

**Keep out of smoke. Fight fire from upwind position. Cool closed containers exposed to fire with water spray. Dike area to prevent runoff and contamination of water sources. Equipment or materials involved in pesticides fire may become. Contaminated. In event of fire, wear a self-contained breathing apparatus.**

UNUSUAL FIRE AND EXPLOSION HAZARDS:

**None.**

### SECTION 5 - REACTIVITY DATA

STABILITY: **Stable**

HAZARDOUS POLYMERIZATION: **Hazardous polymerization does not occur.**

HAZARDOUS DECOMPOSITION PRODUCTS: **Hydrogen Chloride (HCl), Hydrogen Cyanide (Hydrocyanic acid), Carbon dioxide (CO<sub>2</sub>), Nitrogen oxides (NO<sub>x</sub>)**

CONDITIONS & MATERIALS TO AVOID:

**Avoid extreme temperatures.**

### SECTION 6 - PROTECTIVE EQUIPMENT & EXPOSURE CONTROL METHODS

RESPIRATORY PROTECTION:

**When respirators are required, select NIOSH approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or Industry recommendations.**

VENTILATION	LOCAL EXHAUST: <b>Adequate</b>	MECHANICAL: <b>Acceptable</b>	SPECIAL: <b>None</b>	OTHER: <b>None</b>
PROTECTIVE GLOVES AND BOOTS: <b>Suitable chemical resistant gloves and shoes plus socks.</b>		EYE PROTECTION: <b>Tightly fitting safety goggles.</b>		

**PRODUCT NAME: Quali-Pro Imidacloprid 0.5G**

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:**

Use protective clothing chemically resistant to this material. Selection of specific items such as face shield, gloves or full body suit will depend on operation.

**WORK/HYGIENIC PRACTICES:**

**AVOID SKIN AND EYE CONTACT.** Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove Personal Protective Equipment (PPE) immediately after handling this product. Before removing gloves clean them with soap and water. As soon as practical, wash thoroughly and change into clean clothing.

**SECTION 7 - HEALTH HAZARDS**

**PRIMARY ROUTES OF ENTRY:**

**Ingestion, skin contact, skin absorption, eye contact.**

**CARCINOGEN:**

**Imidicloprid: Not a carcinogen (ACGIH, IARC, OSHA).**

**Quartz (Silica, Crystalline): Carcinogen (ACGIH, IARC).**

**NTP:**

**Imidicloprid: Not listed.**

**Quartz (Silica, Crystalline): Carcinogen.**

**MUTAGENICITY:**

**Imidicloprid: Not genotoxic or a mutagen.**

**Quartz (Silica, Crystalline): NA**

**TERATOLOGY (BIRTH DEFECTS):**

**Imidicloprid: Not a primary reproductive toxicant or a teratogen.**

**Quartz (Silica, Crystalline): NA**

**EYE CONTACT:**

**Causes eye irritation. Do not get in eyes.**

**SKIN CONTACT:**

**Harmful if absorbed through skin. Avoid contact with skin and clothing.**

**INGESTION:**

**Harmful if swallowed. Do not take internally.**

**INHALATION:**

**N/A**

**ALLERGIC SKIN REACTIONS (Dilute Mix):**

**Not a skin sensitizer.**

**SECTION 8 - EMERGENCY & FIRST AID PROCEDURES**

**EYE CONTACT:**

**Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.**

**SKIN CONTACT:**

**Take off contaminated clothing immediately. Rinse immediately with plenty of water for at least 15 minutes. Call a poison control center or doctor for treatment advice.**

**INGESTION:**

**Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. DO NOT induce vomiting unless directed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person.**

**INHALATION:**

**Move to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further advice.**

**NOTES TO PHYSICIAN:**

**There is no specific antidote. Appropriate supportive and symptomatic treatment as indicated by the patient's condition is recommended.**

**SECTION 9 – SPILL, LEAK & DISPOSAL INFORMATION**

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:**

**Keep unauthorized people away. Isolate hazard area. Avoid contact with spilled product or contaminated surfaces. Avoid dust formation. Avoid breathing dust. Avoid contact with skin and eyes. Use recommended protective equipment while carefully sweeping up spilled material. Place in covered container for reuse or disposal. Scrub contaminated area with soap and water. Rinse with water. Use dry absorbent material such as clay granules to absorb and collect wash solution for proper disposal. Contaminated soil may have to be removed and disposed. Do not allow material to enter streams, sewers, or other waterways.**

**WASTE DISPOSAL METHOD:**

**Wastes resulting from the use of this product may be disposed of on site or an approved waste disposal facility.**

PRODUCT NAME: Quali-Pro Imidacloprid 0.5G

## SECTION 10 – ECOLOGICAL INFORMATION

SUMMARY OF EFFECTS:

**Highly toxic to aquatic invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate surface or ground water by cleaning equipment or disposal of wastes, including equipment wash water.**

FISH TOXICITY (Technical):

**96 hour LC<sub>50</sub>, Rainbow Trout**

NA

INVERTEBRATE (Technical):

**48 hour LC<sub>50</sub>, *Daphnia magna***

NA

MOVEMENT & PARTITIONING:

**This chemical demonstrates the properties and characteristics associated with chemicals detected in ground water. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.**

## SECTION 11 - SHIPPING DATA

DOT PROPER SHIPPING NAME:

**Not regulated.**

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) RATINGS:

**Health 1**

**Flammability 1**

**Reactivity 1**

**Additional Labeling: None**

**0 = minimal hazard, 1= slight hazard, 2= moderate hazard, 3 = severe hazard, 4 = extreme hazard**

## SECTION 12 - SPECIAL INSTRUCTIONS

SPECIAL INSTRUCTIONS:

**Do not contaminate water, food, or feed by storage or disposal. Store in a cool, dry place in such a manner as to prevent cross contamination with other pesticides, fertilizers, food and feed. Store in original container and out of the reach of children, preferably in a locked storage area.**

## SECTION 13 - OTHER INFORMATION/PRECAUTIONS

TSCA LIST:

**Quartz (Silica, Crystalline) 14808-60-7**

SARA TITLE 3: SECTION 302 EXTREME/VERY HAZARDOUS SUBSTANCE:

**None**

SARA TITLE 3: SECTION 311/312 CATEGORIZATIONS (40CFR 370):

**N/A**

SARA TITLE 3: SECTION 313 INFORMATION (40CFR 372):

**None**

CALIFORNIA PROPOSITION 65:

**This product contains a chemical known to the State of California to cause cancer.**

**Quartz (Silica, Crystalline) 14808-60-7**

**This product does not contain any substances known to the State of California to cause reproductive harm.**

STATE RIGHT-TO-KNOW INGREDIENTS:

**Quartz (Silica, Crystalline) 14808-60-7 IL, MA, MN, RI**

OSHA HAZARD COMMUNICATION STANDARD:

**Quartz (Silica, Crystalline) 14808-60-7**

CERCLA REPORTABLE QUANTITY:

**None**

OTHER INFORMATION/PRECAUTIONS:

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

COMMON ABBREVIATIONS THAT MAY HAVE BEEN USED: N/A = NOT APPLICABLE NA = NOT AVAILABLE N/D = NOT DETERMINED

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**DATE: 110905 SH3**