

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: Quali-Pro Imidacloprid 75 WSB (Insecticide)	CHEMICAL NAME (FORMULA): Imidacloprid (active ingredient)
CHEMICAL CLASS: Chloronicotinyl	

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
138261-41-3	Imidacloprid	75.0	None	None	None

SECTION 3 - PHYSICAL PROPERTIES

BOILING POINT: NA	MELTING POINT: NA	BULK DENSITY: 30 lb/cu ft	VAPOR PRESSURE: NA
VAPOR DENSITY (AIR=1): N/A	% SOLUBILITY IN WATER: Dispersible		% VOLATILE BY WEIGHT: NA
APPEARANCE: Light brown powder	ODOR: None	pH: pH = 7 (1% suspension in distilled water)	

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT & METHOD: Not applicable	FLAMMABLE LIMITS IN AIR (LFL - UFL): Not Applicable
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EXTINGUISHING MEDIA:

Water, carbon dioxide (CO₂), foam dry chemical.

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 pesticide fires may become contaminated. In the event of fire, wear self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

May give off poisonous fumes including hydrogen chloride and oxides of nitrogen.**SECTION 5 - REACTIVITY DATA**STABILITY: **Stable under recommended storage conditions.**HAZARDOUS POLYMERIZATION: **Does not occur.**HAZARDOUS DECOMPOSITION PRODUCTS: **Proposed compounds due to fire or other extreme conditions: Hydrogen Cyanide (Hydrocyanic acid), Carbon monoxide, Nitrogen oxides (NO_x), Hydrogen Chloride (HCl)**CONDITIONS & MATERIALS TO AVOID: **None known.****SECTION 6 - PROTECTIVE EQUIPMENT & EXPOSURE CONTROL METHODS**

RESPIRATORY PROTECTION:

When respiratory protection is necessary under conditions of use, wear a respirator approved by the National Institute for Occupational Safety and Health (NIOSH).

EXPOSURE LIMITS:

Sodium Aluminum Silicate, CAS 1344-00-9. ACGIH TLV, NIOSH REL, OSHA Z1A TWA, US CA OEL TWA/PEL = 2 mg/m³

VENTILATION	LOCAL EXHAUST: Adequate	MECHANICAL: Acceptable	SPECIAL: None	OTHER: None
PROTECTIVE GLOVES AND BOOTS: Chemical resistant gloves made of waterproof material such as polyethylene or polyvinyl chloride. Shoes plus socks.		EYE PROTECTION: Tightly fitting safety goggles.		

PRODUCT NAME: Quali-Pro Imidacloprid 75 WSB

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Wear long-sleeved shirt and long pants and shoes plus socks.

WORK/HYGIENIC PRACTICES:

AVOID SKIN AND EYE CONTACT. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before re-use. 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, Eye contact, Skin contact, Skin absorption, Inhalation.

CARCINOGEN:

Not a carcinogen (IARC, OSHA).

NTP:

Not listed.

MUTAGENICITY:

Not genotoxic or a mutagen.

TERATOLOGY (BIRTH DEFECTS):

Not a primary reproductive toxicant or a teratogen.

EYE CONTACT:

Causes eye irritation. Avoid contact with eyes.

SKIN CONTACT:

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

INGESTION:

Harmful if swallowed. Do not take internally.

INHALATION:

Harmful if inhaled. Avoid breathing dust or vapor.

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 treatment 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 at an approved waste disposal facility.

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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.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

FISH TOXICITY (Technical):

96 hour LC₅₀, Rainbow Trout

NA

INVERTEBRATE (Technical):

48 hour LC₅₀, *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 freeze. Store in a cool, dry place and 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 STATUS:

None

SARA TITLE 3: SECTION 302 EXTREMEKY 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 does not contain any substances known to the State of California to cause cancer.

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

STATE RIGHT-TO-KNOW INGREDIENTS:

None

OSHA HAZARD COMMUNICATION STANDARD:

None

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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