

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

QUANTUM

# Poly Penetrant

**ACTIVE CONSTITUENT:**  
**1020 g/L POLYETHER MODIFIED POLYSILOXANE**

**A non-ionic wetter/spreader/penetrant for use with agricultural pesticides.**

**APVMA Approval No.: 91880/151009**

<b>ADJ</b>	Formulation Type <b>Adjuvant</b>
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**BE PROUDLY  
AUSTRALIAN**

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## DIRECTIONS FOR USE

SITUATION	RATE (per 100 L spray mixture)	CRITICAL COMMENTS
FUNGICIDES	30 – 60 mL	The use rates of Quantum Poly Penetrant are given as a guide only.
INSECTICIDES, MITICIDES	30 – 60 mL	
Foliar Micro-Nutrients	30 – 60 mL	
HERBICIDES: General Post-emergent, General Low Volume, Glyphosate, Metsulfuron on Gorse/Bracken Fern on Brushy/Woody Weeds	50 – 100 mL 100 – 200 mL 200 mL 100 mL Hand gun 200 mL Boom spray	Always follow directions of pesticide label where an organosilicone is recommended.  DO NOT use if pesticide manufacturer prohibits surfactants.

## NOT TO BE USED FOR ANY PURPOSE OR IN ANY MANNER CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.

### GENERAL INSTRUCTIONS

Quantum Poly Penetrant is an organosilicone based surfactant containing a unique blend of various polymers. Quantum Poly Penetrant is a highly effective wetter/spreader/penetrant. It is effective with most agricultural chemicals unless otherwise stated on label.

While Quantum Poly Penetrant has been proven to be a highly efficient surfactant, timing, weather conditions, method of application, and/or mixture with other chemicals not specifically recommended are beyond the control of the seller. Therefore, the user should carefully observe spray deposits, rate efficiencies, compatibilities and effectiveness in initial applications and adjust the adjuvant rate accordingly.

### MIXING INSTRUCTIONS

1. Mix pesticide product with water when tank is about 30% full.
2. Then when tank is nearly full add Quantum Poly Penetrant.
3. Complete filling tank.

### PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with chemical or used containers.

### STORAGE AND DISPOSAL

KEEP OUT OF REACH OF CHILDREN. Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Triple-rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. DO NOT burn empty containers or product.

## **SAFETY DIRECTIONS**

DO NOT get on skin or on clothing. Causes eye irritation. DO NOT get in eyes. Harmful if swallowed. Avoid breathing vapour or mist. Avoid using product in a manner as to directly, or through drift, expose workers or other persons. Always follow the precautionary statements on the label of the pesticide(s) that are to be used with Quantum Poly Penetrant. Applicators and other handlers must wear goggles or a facial splash shield; chemical resistant gloves, such as nitrile rubber > 14 mils or neoprene rubber > 14 mils; coveralls or long sleeved shirt and long pants; shoes plus socks and mists filtering respirator. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use wash goggles or face shield, gloves and any contaminated clothing.

## **FIRST AID**

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26. If skin contact occurs, remove contaminated clothing and wash skin thoroughly. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a Doctor.

## **SAFETY DATA SHEET**

For further information refer to Safety Data Sheet (SDS) which can be obtained from the supplier.

**CONDITIONS OF SALE:** Quantum Agrosiences Holdings Pty Ltd shall not be liable for any loss injury damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence or otherwise in connection with the sale supply use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on Quantum Agrosiences Holdings Pty Ltd's skill or judgement in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of Quantum Agrosiences Holdings Pty Ltd has any authority to add to or alter these conditions.

Additional information required under the Globally Harmonised System (GHS) classification of the substance/  
mixture: **Harmful if swallowed. Harmful in contact with skin. Causes skin irritation. Causes serious eye  
damage. Harmful if inhaled. Suspected of damaging fertility. Toxic to aquatic life with long lasting effects.**



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