

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Nufarm
PULSE®

Penetrant

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

A NON-IONIC WETTER/SPREADER/PENETRANT FOR USE AS A SPRAY ADDITIVE FOR IMPROVED PENETRATION OF SEVERAL AGRICULTURAL PESTICIDES AS PER THE DIRECTIONS FOR USE TABLE.

Contents:

1 Litre

5 Litre

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® Pulse is a registered trademark of Nufarm Technologies USA Pty Ltd

APVMA Approval No.: 57279/1L/0308

APVMA Approval No.: 57279/5L/0308

® Weedmaster, Nuprid and Associate are Registered Trademarks of Nufarm Australia Limited.

® Roundup, Roundup PowerMAX, Roundup Biactive and Trounce Brush Pack are registered trademarks of Monsanto Technology LLC used under licence by Nufarm Australia Limited

* Other registered trademarks.

Barcode

Batch No:

Date of Manufacturer:

DrumMuster logo *5L only*

DIRECTIONS FOR USE

The use rates of Pulse Penetrant are given as a guide only. Always refer to the label of the product where the addition of an organosilicone penetrant, such as Pulse, is recommended.

Situation	Rate / 100L spray mixture	Critical Comments
Herbicides Trounce Brush Pack®	Handgun 100 mL	Add Pulse Penetrant to the recommended rates of Trounce BrushPack, Roundup, Roundup Dry, Roundup Biactive, Roundup PowerMax, Weedmaster Duo or Associate for the control of brush weeds as per the label directions for those products.
	Boom 200 to 500 mL	
Roundup® Roundup® Dry Roundup Biactive® Roundup PowerMAX® Associate® Brush-off* Weedmaster® Duo	Handgun 200 mL	
	Boom 200 to 500 mL	
Fungicides and Foliar Micro-Nutrients	30-60mL	Use higher rate on hard to wet surfaces and with water volumes less than 400L/ha.
Insecticides and Miticides Nuprid®, Senator®, Confidor*	200mL	Refer to the Nuprid/Senator/Confidor label for specific directions for use on cotton.

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

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

While PULSE 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

1. Mix Herbicide/Fungicide/Insecticide/Foliar Micro-nutrient product with water when tank is about 30% full.
2. When tank is nearly full add PULSE
3. Complete filling tank.

PROTECTION OF WILDLIFE, FISH, CRUSTACEA AND ENVIRONMENT:

DO NOT contaminate streams, rivers or waterways with the 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 or preferably pressure 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 bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should NOT be burnt.

SAFETY DIRECTIONS

Severely irritating to eyes. Avoid contact with eyes and skin. When preparing product for use, wear elbow-length PVC gloves and face shield or goggles. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use wash contaminated clothing, gloves and face shield or goggles.

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.

MATERIAL SAFETY DATA SHEET

For further information refer to the Material Safety Data Sheet (MSDS), which can be obtained from your supplier or from the Nufarm website - www.nufarm.com.au

In case of emergency: Phone 1800 033 498

Ask for shift supervisor. Toll free 24 hours.

CONDITIONS OF SALE

"Any provisions or rights under the Trade Practices Act 1974 or relevant state legislation which cannot be excluded by those statutes or by law are not intended to be excluded by these conditions of sale. Subject to the foregoing, all warranties, conditions, rights and remedies, expressed or implied under common law, statute or otherwise, in relation to the sale, supply, use or application of this product, are excluded. Nufarm Australia Limited and/or its affiliates ("Nufarm") shall not accept any liability whatsoever (including consequential loss), or howsoever arising (including negligence) for any damage, injury or death connected with the sale, supply, use or application of this product except for liability which cannot be excluded by statute."