HARMFUL · ECOTOXIC

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

PENATRA®

ACTIVE CONSTITUENT: 1020 g/L Polyether modified polysiloxane

For use with Glyphosate Herbicides and certain Brushweed Herbicides to improve coverage, penetration and uptake on brush and woody weeds and ryegrass.

Also for use with certain fungicides, insecticides, miticides and foliar micro-nutrients.

GENERAL INSTRUCTIONS: PENATRA is a highly penetrating surfactant suitable for use with Glyphosate herbicides and certain brushkiller herbicides. It improves efficiency by enhancing the penetration and uptake into certain hard to control woody weeds such as bracken, gorse, and perennial ryegrass. PENATRA is not a general-purpose surfactant and should only be used where addition of a silicone surfactant is recommended. At low rates, Penatra can assist in some horticultural sprays.

MIXING: Add PENATRA to spray tank after the agricultural chemical is thoroughly mixed.

HAZARD CLASSES H312, H319, H332, H411 HSR002503

SAFETY WARNING: Harmful if swallowed, inhaled or in contact with the skin. Causes serious irritation to eyes.

ENVIRONMENTAL WARNING: Toxic to aquatic organisms with long lasting effects. Avoid contaminating waterways.



PRODUCT DISPOSAL: Do not allow product to enter waterways, drains or sewers. Absorb spillage on inert material such as soil and dispose of in a suitable landfill.

CONTAINER DISPOSAL: Triple rinse container and return to recycler. Alternatively, ensure container is completely empty, burn if permitted and circumstances, especially wind direction allow, otherwise bury in landfill.

HANDLING PRECAUTIONS: Use only outdoors or in well-ventilated areas. When mixing or applying wear protective clothing, goggles or face shield and respirator if risk of inhalation. Do not

eat or drink while using. Wash hands and face before meals and after work. Wash protective clothing after work.

FIRST AID: If swallowed DO NOT induce vomiting. Rinse mouth with water and give water to drink. For advice, contact the **National Poisons Centre 0800 POISON (0800 764 766)** or a doctor immediately. If skin, hair, or eye contact occurs, remove contaminated clothing and flush skin, hair, and/or eyes with running water for several minutes. Additional information is contained in the **Safety Data Sheet** which is available from the reseller at point of purchase or visit *www.agrion.co.nz* for alternate contact details.

DIRECTIONS FOR USE:

Weeds controlled	Application method	Application rate / 100L	Critical Comments
Use with Glyphosate herbicides Gorse, broom, bracken			To enhance control of these weeds, add to recommended rates of Glyphosate 360, Glyphosate 450 and dry forms of Glyphosate herbicide. Use in accordance with herbicide label directions.
	Handgun / knapsack Aerial spray	100 - 200 mL 250 mL	Use minimum 500 mL/ha.
Broadacre spraying Perennial ryegrass		100 mL 100 mL	The addition of Penatra will increase the rate of uptake for some herbicides and may reduce the rain-free period down to 30-60 minutes when sprayed on dry foliage. The rain-free period will not be reduced when treating wet plants.
Metsulfuron-methyl Gorse	Handgun / knapsack Aerial spray	100 mL 400 mL	
Triclopyr-Butyl Gorse, broom	Handgun / knapsack Aerial spray	100 mL 250 mL	
Use with other brushkiller herbicides	Broadacre spraying Knapsack	100 mL 10 mL/10L	
Horticulture Insecticides, fungicides, miticides and foliar nutrients		20 – 50 mL	The rates of Penatra are given as a guide only. Always refer to the pesticide label for specific recommendations.
Buprofezin For scale and mealybug		25 - 50 mL	Use higher rates in lower water volumes.
Always trial on a small area to assess crop safety before using on a large scale.			

NOT TO BE USED FOR ANY PURPOSE OTHER THAN INDICATED ON THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.

STORAGE: Store in original container tightly closed and in a dry, cool, well-ventilated area, away from foodstuffs, clothing and incompatible materials such as oxidizing agents. Stores containing 1000 litres require secondary containment and signage.

CONDITIONS OF SALE: As the use of PENATRA is beyond the control of the Manufacturer, to the fullest extent permitted by law, Agrion Crop Solutions Limited disclaims all responsibility or liability for any consequence arising from the use of this product other than in strict compliance with the Directions for Use and other label instructions, and solely for the purpose and in the manner indicated.

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Agrion Crop Solutions Limited
119 Carbine Road, Mount Wellington
Auckland 1060, New Zealand
Telephone: +64 884 6358

PROPER SHIPPING NAME	CLASS	UN No.	HAZCHEM	PG
ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID N.O.S (Oxirane, methyl-, polymer with oxirane, mono[3-[1,3,3,3-tetramethyl-]-[(trimethylsilyl) oxy]disiloxanyl]propyl] ether (9CI)	9	3082	2X	III

