



PERMIT TO ALLOW MINOR USE OF AN AGVET CHEMICAL PRODUCT

**FOR CONTROL OF SELECTED FLOATING AND EMERGENT AQUATIC WEEDS
IN NON-FLOWING WATER BODIES**

PERMIT NUMBER – PER83083

This permit is issued to the Permit Holder in response to an application granted by the APVMA under section 112 of the Agvet Codes of the jurisdictions set out below. This permit allows a person, as stipulated below, to use the product in the manner specified in this permit in the designated jurisdictions. This permit also allows any person to claim that the product can be used in the manner specified in this permit.

THIS PERMIT IS IN FORCE FROM 9 JANUARY 2017 TO 31 MARCH 2022

Permit Holder:

NSW DEPARTMENT OF PRIMARY INDUSTRIES
161 Kite Street
ORANGE NSW 2800

Persons who can use the product under this permit:

Local Lands Services and Local Control Authorities staff and/or their contractors who are fully trained and authorised in the use, storage and handling of agricultural chemicals.

CONDITIONS OF USE

Product to be used:

SHARK AQUATIC HERBICIDE

Containing: 240 g/L CARFENTRAZONE-ETHYL as the only active constituent.

Directions for Use:

Situation	Target Water Plant	Rate
NON FLOWING WATER BODIES	Floating Water Plants Azolla (<i>Azolla</i> spp.) Duckweed (Lemna spp., Wolffia spp., Spirodela spp.) Salvinia (<i>Salvinia molesta</i>) Water hyacinth (<i>Eichhornia crassipes</i>) Water lettuce (<i>Pistia stratiotes</i>)	933 mL product / ha (224 g carfentrazone ethyl/ha)
	Emergent and Submerged Water Plants <u>Suppression only</u> Alligator weed (<i>Alternanthera philoxeroides</i>) Water primrose (<i>Ludwigia peploides</i> ssp. <i>montevidensis</i>)	830 mL product / 100,000 L water (2 mg/L carfentrazone ethyl)
	CABOMBA (<i>Cabomba caroliniana</i>)	

Critical Use Comments:

This permit rescinds the label restraint prohibiting use on only 50% of a water body at each treatment. Use under this permit is authorised on over 50% of a water body pursuant to the **Off Target Safety Conditions** below being read and documentary evidence generated to demonstrate compliance with those conditions.

Surface Application: free floating water plants

- Thorough wetting of foliage is essential for maximum effectiveness.
- DO NOT apply more than two (2) applications per year with a minimum re-treatment interval of 90 days between consecutive treatments.
- Apply by boom spray application or high pressure hand held wand application with fixed low drift nozzles.
- Avoid excessive leaf run-off and minimise overspray into the water surrounding the target weed mat.

Sub-surface injection and surface application: emergent water plants

- Follow all remaining label *Critical Comments* and *Restrictions* not rescinded under this permit.
- Refer to *General Instructions* on product label to calculate volume of water body and quantity of *Shark Aquatic Herbicide* required to achieve required dosage rate (2 mg/L carfentrazone ethyl).
- DO NOT apply more than two (2) applications per year with a minimum re-treatment interval of 90 days between consecutive treatments.
- Apply by sub-surface injection, boom spray application or high pressure hand held wand application with fixed low drift nozzles.

Jurisdiction:

NSW only.

Additional Conditions:

This PERMIT provides for the use of a product in a manner other than specified on the approved label of the product. Unless otherwise stated in this permit, the use of the product must be in accordance with instructions on its label.

PERSONS who wish to prepare for use and/or use products for the purposes specified in this permit must read, or have read to them, the DETAILS and CONDITIONS of this permit.

Off Target Safety

This use pattern may cause dissolved oxygen (DO) levels in treated water to fall below a critical level. Activities which result in damaging DO levels constitute a pollution of waters offence under NSW Protection of the Environment Operations Act 1997. This permit does not exempt users of offences under the NSW POEO Act.

As such, treatment of waters under this permit should be considered in conjunction with the overall environmental outcomes for the catchment. DO NOT use this use pattern alone or in conjunction with other weed control activities that may impact DO levels to a critical extent, or in seasonal conditions where DO levels are expected to be low without implementing a management plan to raise DO levels to environmentally acceptable levels.

All sites to be treated under this permit must be reported in writing to the Permit Holder before commencement and following completion of the work (see record keeping below). Any adverse environmental outcomes must be reported to the Permit Holder.

Record Keeping

1. The permit holder must maintain a record of the use performed under this permit. Specifically the records must include;
 - i) The date and location where the use occurred,
 - ii) Persons conducting the use,
 - iii) Area treated,
 - iv) Total amount of product used
 - v) Water quality parameters before and after treatment, and
 - vi) Surveys of biodiversity and other data to quantify system impact and recovery.
2. The records must be progressively maintained whilst the permit is in force and for a minimum period of two years from the date of expiry of this permit.
3. Upon a request being made, the records are to be provided:
 - a. Immediately if the request is verbally from an APVMA Inspector who has attended the premises
 - b. In the time specified in the written correspondence containing the request.

Issued by the Australian Pesticides and Veterinary Medicines Authority