



**Australian Government**  
**Australian Pesticides and  
Veterinary Medicines Authority**

**PERMIT TO ALLOW MINOR USE OF A REGISTERED 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 the Permit Holder and any person stipulated below to claim that the product can be used in the manner specified in this permit.

**THIS PERMIT IS IN FORCE FROM 09 JANUARY 2017 TO 30 APRIL 2025**

**Permit Holder:**

NSW DEPARTMENT OF PRIMARY INDUSTRIES  
105 Prince 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

**Products to be used:**

SHARK AQUATIC HERBICIDE (APVMA No. 64095)

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

**RESTRAINT:**

DO NOT apply to more than 50% in volume of the water body in a single application.

Comply with all restraints and spray drift restraints on the product label.

**Directions for Use:**

Situation	Pest / Disease	Rate
NON FLOWING WATER BODIES	<b>Floating water plants</b> Azolla <i>(Azolla spp.)</i> Duckweed <i>(Lemna spp., Wolffia spp., Spirodela spp.)</i> 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)
	<b>Emergent and Submerged Water Plants</b> <u>Suppression only</u> Alligator weed <i>(Alternanthera philoxeroides)</i> Water primrose <i>(Ludwigia peploides ssp. montevidensis)</i>	830 mL product / 100,000 L water (2 mg/L carfentrazone-ethyl)

**Critical Use Comments:**

Surface Application: free floating water plants

- Follow all label critical comments and restraints unless contradicted by this permit.
- Thorough wetting of foliage is essential for maximum effectiveness.
- Apply by boom spray application or high pressure hand held wand application with fixed low drift nozzles.
- DO NOT apply more than 2 applications per year.
- DO NOT apply less than 90 days after the previous treatment.
- 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 label critical comments and restraints unless contradicted by this permit.
- Apply by sub-surface injection, boom spray application or high pressure hand held wand application with fixed low drift nozzles.
- Refer to *General Instructions* on product label to calculate volume of water body and quantity of *Shark Aquatic Herbicide* required to achieve the target concentrations of 2 mg/L carfentrazone-ethyl.
- DO NOT apply more than 2 applications per year.
- DO NOT apply less than 90 days after the previous treatment.

### **Withholding Period:**

Not required when used as directed.

### **Jurisdiction:**

NSW only.

### **Additional Conditions:**

This permit allows for the use of a product in a manner specified on the permit. 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. Unless otherwise stated, the use of the product must be in accordance with the product label.

### *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 at [nswchemical.coordinator@dpi.nsw.gov.au](mailto:nswchemical.coordinator@dpi.nsw.gov.au) 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

Note: 05/04/2020 – Permit holder address updated, product to be used updated to include APVMA No., 50% coverage restraint rescindment removed, corresponding restraint included, Cabomba removed from pest list, conditions of use updated to current standard, labelled withholding period included in accordance with current standard. NSW DPI coordinator email address included under *Off Target Safety*. Permit expiry extended to 30/04/2025. Permit version 1 expired 31/03/2022. Permit issued as Version 2 on 05/04/2022.