

NOTICE

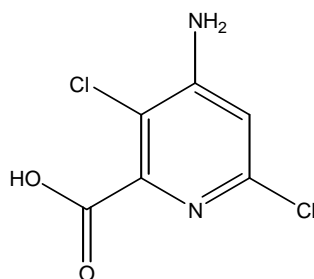
Aminopyralid

The Australian Pesticides and Veterinary Medicines Authority (APVMA) has before it an application for the approval of a new active constituent, aminopyralid for use in agricultural chemical products. Aminopyralid is a selective systemic herbicide that is absorbed by the leaves and translocates throughout the entire plant, accumulating in meristematic tissues, including the roots, with an auxin inhibiting mode of action and has post emergence activity and residual control of germinating seeds and emerging seedlings.

In accordance with section 12 of the Agvet Code, the APVMA invites any person to submit a relevant written submission as to whether the application for approval of aminopyralid should be granted. Submissions should state the grounds on which they are based. Such grounds should relate only to the matters that the APVMA is required to take into account in deciding whether to grant the approval. Comments must be received by the APVMA within 28 days of the date of this Gazette.

Particulars of the Active Constituent

Common Name:	Aminopyralid
IUPAC Name:	4-Amino-3,6-dichloropyridine-2-carboxylic acid
CAS Number:	150114-71-9
Manufacturer's Codes:	XR-750, XDE-750, DE-750
Minimum Purity:	920 g/kg
Molecular Formula:	C ₆ H ₄ Cl ₂ N ₂ O ₂
Molecular Weight:	207.3
Structure:	



Chemical Family:	Pyridine carboxylic acid
Mode of Action:	Auxin inhibitor

Summary of the APVMA's Evaluation of Aminopyralid Active Constituent

The Chemistry and Residues Program of the APVMA has evaluated the chemistry aspects of aminopyralid active constituent (manufacturing process, quality control procedures, batch analysis results and analytical methods) and found them to be acceptable.

On the basis of the data provided, it is proposed that the following APVMA Active Constituent Standard be established for aminopyralid active constituent:

Constituent	Specification	Level
Aminopyralid	Aminopyralid	Not less than 920 g/kg

Other compounds of toxicological significance are not expected to occur in aminopyralid as a result of the raw materials and the synthetic route used.

The Office of Chemical Safety of the Therapeutic Goods Administration has considered the toxicological aspects of aminopyralid, and advised that there are no toxicological objections to the approval of this chemical.

An acceptable daily intake (ADI) of 0.3 mg/kg bw/day has been set (rounded from 0.26 mg/kg bw/day), based on no observed effect levels (NOEL) of approximately 26 mg/kg bw/day for maternal toxicity in a rabbit developmental study, and applying a safety factor of 100. An acute reference dose (ARfD) of 0.3 mg/kg bw (rounded from 0.26 mg/kg bw) has been set based on a NOEL of 26 mg/kg bw/day in a development study in rabbits, and applying a safety factor of 100.

The National Drugs and Poisons Schedule Committee (NDPSC) has included aminopyralid into Schedule 6 of the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

The APVMA accepts the findings and recommendations of its advisers on these criteria.

The APVMA is satisfied that the proposed importation and use of aminopyralid would not be an undue toxicological hazard to the safety of people exposed to it during its handling and use.

Written submissions on the APVMA's proposal to grant approval for aminopyralid should be addressed in writing to:

Dr Paul Sethi
Chemistry Manager
Chemistry and Residues Program
Australian Pesticides and Veterinary Medicines Authority
PO Box E240
KINGSTON ACT 2604

Phone: (02) 6272 3987
Fax: (02) 6272 3551