

NOTICE

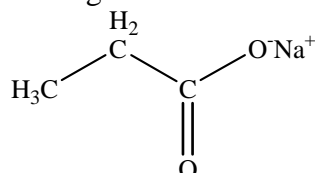
Sodium propionate

The Australian Pesticides and Veterinary Medicines Authority (APVMA) has before it an application for the approval of sodium propionate, a new active constituent for use in agricultural chemical products. Sodium propionate acts as a mould inhibitor, and is proposed for use in a timber treatment product.

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 sodium propionate 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 Active Constituent

Common Name:	Sodium propionate
IUPAC Name:	Sodium propanoate
CA Name:	Propanoic acid, sodium salt
CAS Number:	137-40-6
Minimum Purity:	990 g/kg
Molecular Formula:	C ₃ H ₅ O ₂ Na
Molecular Weight:	96.06 gmol ⁻¹
Structure:	



Chemical Family:	Salt of a carboxylic acid
Mode of Action:	Not known

Summary of the APVMA's Evaluation of Sodium propionate Active Constituent

The Chemistry and Residues Program of the APVMA has evaluated the chemistry aspects of sodium propionate 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, and the toxicological assessment, it is proposed that the following APVMA Active Constituent Standard be established for sodium propionate active constituent:

Constituent	Specification	Level
Sodium propionate	Sodium propionate	Not less than 990 g/kg

Compounds of toxicological significance are not expected to occur in sodium propionate as a result of the raw materials and the synthetic route used.

The Office of Chemical Safety (OCS) of the Department of Health and Ageing has considered the toxicological aspects of sodium propionate, and advised that there are no toxicological objections to the approval of this chemical.

As sodium propionate is not proposed for use on food crops, the OCS does not consider the establishment of an Acceptable Daily Intake (ADI) or an Acute Reference Dose (ARfD) to be necessary.

The National Drugs and Poisons Schedule Committee (NDPSC) has included sodium propionate in Appendix B (Substances considered not to require control by scheduling) in 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 sodium propionate 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 sodium propionate should be addressed in writing to:

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