

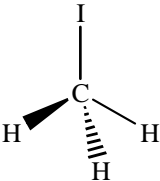
NOTICE

Iodomethane

The Australian Pesticides and Veterinary Medicines Authority (APVMA) has before it an application for the approval of iodomethane, a new active constituent for use in agricultural chemical products. Iodomethane is to be used as a soil fumigant in horticulture.

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 iodomethane 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:	Iodomethane
IUPAC Name:	Iodomethane, methyl iodide
CA Name:	Iodomethane
Manufacturer's Code:	TM-425
CAS Number:	74-88-4
Minimum Purity:	990 g/kg
Molecular Formula:	CH ₃ I
Molecular Weight:	141.9 g mol ⁻¹
Structure:	
Chemical Family:	Alkyl halide
Mode of Action:	Fumigant

Summary of the APVMA's Evaluation of Iodomethane Active Constituent

The Chemistry and Residues Program of the APVMA has evaluated the chemistry aspects of iodomethane 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 iodomethane active constituent:

Constituent	Specification	Level
Iodomethane	Iodomethane	Not less than 990 g/kg

Compounds of toxicological significance are not expected to occur in iodomethane 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 iodomethane, and advised that there are no toxicological objections to the approval of this chemical.

An Acceptable Daily Intake (ADI) and an Acute Reference Dose (ARfD) have not been set, as the OCS did not consider them necessary given the use pattern and the low probability of residues.

The National Drugs and Poisons Schedule Committee (NDPSC) has considered iodomethane to be appropriate for inclusion in Schedule 7 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 iodomethane 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 iodomethane should be addressed in writing to:

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