



## 1,2-dibromoethane – PROPOSED STANDARD

[For incorporation in] Industrial Chemicals Environmental Management (Register) Instrument 2022

### Schedule 5 – Relevant industrial chemicals that are likely to cause harm to the environment

The risk management measures apply to the relevant industrial chemical and a mixture containing such a chemical.

The proposed standard is based on information presented in the [National Industrial Chemicals Notification and Assessment Scheme \(NICNAS\) assessment](#).

Please note that this proposed standard applies only to chemicals with industrial uses. Other chemical applications, such as for veterinary or medicinal uses, are outside the scope of the Industrial Chemicals Environmental Management Standard (IChEMS) and are managed under separate regulatory frameworks.

Definitions for terms contained in this proposed standard may be found in the [Industrial Chemicals Environmental Management \(Register\) Act 2021](#), the [Industrial Chemicals Environmental Management \(Register\) Instrument 2022](#), the [Industrial Chemicals Environmental Management \(Register\) Principles 2022](#), or in the [Glossary of IChEMS terms](#).

Relevant industrial chemical	Intent and explanatory notes
Chemical name: Ethane, 1,2-dibromo- CAS number: 106-93-4	Aligns with the chemical name on the Australian Inventory of Industrial Chemicals
End uses or generalised end uses	Intent and explanatory notes
(a) Fuel additive in leaded Aviation Gasoline (Avgas) (b) Solvent (c) Manufacture of other chemicals and products	The chemical is predominately used as a lead scavenger in leaded Avgas with minor uses as a solvent and synthetic reagent in the synthesis of fine chemicals.

Risk management measures	Intent and explanatory notes
(a) This entry comes into effect 1 January 2026	The commencement date is 6 months after the planned addition to the IChEMS register
(b) The chemical (whether on its own or in mixtures) must be managed according to the IChEMS Minimum Standards	<p><a href="#">Available online</a>. As agreed on 4 November 2022 by Commonwealth, State and Territory environmental regulators.</p> <p>STANDARD 1 – INFORMATION AND AWARENESS</p> <p>Obtain, share, and use information on the environmental risks of industrial chemicals to ensure that any persons handling the chemical throughout the supply chain are aware of these risks, and enabled to undertake activities using industrial chemicals in an environmentally safe manner.</p> <p>For introducers (importers and manufacturers) and reformulators, this includes a requirement to develop and provide information to the supply chain about the environmental risks of the industrial chemical, when used for the purpose for which it was manufactured.</p> <p>STANDARD 2 – RISK MANAGEMENT PLANNING</p> <p>Identify risks and develop, assess, evaluate and monitor control measures.</p> <p>STANDARD 3 – HARM MINIMISATION CONTROLS</p> <p>Apply practicable control measures to eliminate risks, then reduce risks that cannot be eliminated, then manage residual risks using best available techniques and best environmental practices.</p> <p>STANDARD 4 – ENVIRONMENTALLY SAFE STORAGE</p> <p>Store and contain industrial chemicals in an environmentally safe manner.</p> <p>STANDARD 5 – EFFECTIVE RESPONSES TO INCIDENTS</p> <p>Plan for and respond effectively and promptly to industrial chemical incidents.</p> <p>STANDARD 6 – ENVIRONMENTALLY RESPONSIBLE WASTE MANAGEMENT</p>

	Implement waste management for industrial chemicals in an environmentally safe manner in line with the waste hierarchy and local requirements.
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