



Butylated Hydroxytoluene (BHT) – PROPOSED SCHEDULING DECISION
 For incorporation in the *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 chemicals and mixtures containing such chemicals.

This decision is based on information presented in the [National Industrial Chemicals Notification and Assessment Scheme \(NICNAS\) Environment tier II assessment](#).

Please note that this decision 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 decision 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](#).

* “Intent and explanatory notes” are provided for information in this document only. This text will not be published on the IChEMS Register.

Relevant industrial chemical	Intent and explanatory notes*
Chemical name: Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- (BHT) CAS RN: 128-37-0	Synonyms: butylated hydroxytoluene (BHT); 2,6-di-tert-butyl-4-methylphenol; 2,6-di-tert-butyl-p-cresol.
End uses or generalised end uses	Intent and explanatory notes*
(a) adhesive and sealant products; (b) cleaning and furniture care products; (c) fuel, oil, fuel oil additives and related products; (d) ink, toner and colourant products;	The main functional use of Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl- (BHT) in these products and articles is as an antioxidant, which protects materials from oxidation during storage. BHT is introduced annually in the range of 100 to 1000 tonnes and is present in many industrial and commercial products.

(e) personal care products (cosmetics); (f) plastic and polymer products.	
Risk management measures	Intent and explanatory notes*
(a) This entry comes into effect 1 January 2027.	The commencement date is 6 months after the planned addition to the IChEMS Register.
(b) The use of the chemical (whether on its own or in mixtures) must adhere to applicable laws of the Commonwealth or of the relevant State for the control of industrial chemicals.	This RMM is included to ensure that introducers adhere to all other relevant Commonwealth, state and territory legislation.
(c) Waste containing the chemical must be managed or disposed of in an environmentally sound manner as authorised under a law of the Commonwealth or a law of a State.	'Environmentally sound manner' can include state and territory regulations/policies, for example end of waste codes, clean fill codes, or nationally agreed guidance. This measure allows for decisions on waste management to be made by jurisdictions.
(d) The chemical (whether on its own or in mixtures) must be managed according to the IChEMS Minimum Standards.	<p>Available online. 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> <p>Implement waste management for industrial chemicals in an environmentally safe manner in line with the waste hierarchy and local requirements.</p>
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