



Aryl sulfonate hydrotropes – PROPOSED STANDARD

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

Schedule 2 – Relevant industrial chemicals that are unlikely to cause harm to the environment

The risk management measures apply to the relevant industrial chemicals and mixtures containing such chemicals.

The proposed standard is based on information presented in the Australian Industrial Chemical Introduction Scheme (AICIS) [Evaluation Statement](#) and the [OECD SIDS Initial Assessment Report](#) (UNEP).

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 (ICEMS) 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 ICEMS terms](#).

Relevant industrial chemical	Intent and explanatory notes
Chemical class name: Aryl sulfonate hydrotropes CAS numbers: 98-11-3; 515-42-4; 934-54-3; 104-15-4; 657-84-1; 6192-52-5; 16106-44-8; 26447-09-6; 30526-22-8; 1300-72-7; 25321-41-9; 26447-10-9; 30346-73-7; 16066-35-6; 28348-53-0; 28631-63-2; 32073-22-6; 37953-05-2; 91-24-7; 98-69-1; 138-29-4; 15497-96-8; 30995-65-4; 61168-61-4; 61168-62-5	Chemicals in this group are salts that are comprised of a methyl, dimethyl, or methylethyl substituted or unsubstituted benzene sulfonate anion, and a cationic counter ion which differs throughout the chemicals in this group. These chemicals have been placed in a group as they have known applications as solution stabilisers, have similar hazard properties, and have a common emission scenario. The chemical reactivity and environmental risk classification is not affected by the difference in counter ion.

End uses or generalised end uses	Intent and explanatory notes
(a) paint and coating products (b) personal care products (c) plastic and polymer products (d) automotive care products (e) cleaning and furniture care products (f) laundry and dishwashing products (g) fabric, textile and leather products	The chemicals are used in high volumes in Australia as emulsifiers in various domestic, cleaning, and industrial products.
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>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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