



Carbonodithioic acid, *O*-(2-methylbutyl) ester, sodium salt (1:1) and Carbonodithioic acid, *O*-(3-methylbutyl) ester, sodium salt (1:1)
PROPOSED SCHEDULING DECISION

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

Schedule 3 – Relevant industrial chemicals that have the potential to cause harm to the environment

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

This proposed scheduling decision is based on information presented in the Australian Industrial Chemical Introduction Scheme (AICIS) [Assessment Statement \(CA09899\)](#) and [Assessment Statement \(CA09735\)](#).

Please note that this decision applies only to industrial 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](#).

Relevant industrial chemical	Comments to support public consultation
Chemical class name: Carbonodithioic acid, <i>O</i> -(2-methylbutyl) ester, sodium salt (1:1) and Carbonodithioic acid, <i>O</i> -(3-methylbutyl) ester, sodium salt (1:1) CAS numbers: 72187-33-8 and 34761-63-2.	The chemicals in this class have been identified using the CAS names and CAS RNs in their respective AICIS assessment statements.
End uses or generalised end uses	Comments to support public consultation
(a) Flotation agent.	The chemicals are used in high volumes in Australia as flotation agents, or collectors, for mineral processing in industrial mining facilities.

Risk management measures	Comments to support public consultation
(a) This entry comes into effect 1 July 2026.	The commencement date is 6 months after the planned addition to the IChEMS Register.
(b) The class of chemicals (whether on their own or in mixtures) must be managed according to the IChEMS Minimum Standards.	Available online. As agreed 4 November 2022 by Commonwealth, State, and Territory environmental regulators. STANDARD 1 – INFORMATION AND AWARENESS 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. 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. STANDARD 2 – RISK MANAGEMENT PLANNING Identify risks and develop, assess, evaluate, and monitor control measures. STANDARD 3 – HARM MINIMISATION CONTROLS 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. STANDARD 4 – ENVIRONMENTALLY SAFE STORAGE Store and contain industrial chemicals in an environmentally safe manner. STANDARD 5 – EFFECTIVE RESPONSES TO INCIDENTS Plan for and respond effectively and promptly to industrial chemical incidents. STANDARD 6 – ENVIRONMENTALLY RESPONSIBLE WASTE MANAGEMENT Implement waste management for industrial chemicals in an environmentally safe manner in line with the waste hierarchy and local requirements.