



**Australian Government**

**Department of Health and Aged Care**

**Australian Industrial Chemicals Introduction Scheme**

# **Chemicals that are unlikely to require further regulation to manage risks to environment**

## **Evaluation statement**

**25 September 2023**

**Draft**

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# AICIS evaluation statement

## Subject of the evaluation

Chemicals that are unlikely to require further regulation to manage risks to environment

## Chemicals in this evaluation

See **Supporting information** for the list of chemicals included in the evaluation.

## Reason for the evaluation

Evaluation is needed to provide information on environmental risks.

## Parameters of evaluation

This evaluation provides information on chemicals, listed on the Australian Inventory of Industrial Chemicals (the Inventory), identified during the Evaluation Selection Analysis (ESA) process as unlikely to require further regulation to manage risks to the environment. The ESA may investigate the intrinsic hazard of the chemicals, the potential for environmental exposure based on their identified industrial use and identified or default use volumes, and existing risk management measures.

## Summary of evaluation

### Summary of introduction, use and end use

See supporting information for the environmental exposure scenario identified for each chemical.

### Environment

#### Summary of environmental risk

Based on the available information, there are no identified risks to the environment that require further regulation to manage the risk to the environment.

The 'additional information' statements for each chemical in the supporting information section provide information on factors that have contributed to the risk conclusions.

## Conclusions

The conclusions of this evaluation are based on the information described in this statement.

The Executive Director proposes to be satisfied that the identified environment risks can be managed within existing risk management frameworks. This is provided that all requirements

are met under environmental, workplace health and safety and poisons legislation as adopted by the relevant state or territory.

Note: Obligations to report additional information about hazards under *Section 100 of the Industrial Chemicals Act 2019* apply.

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## Supporting information

| CAS RN     | Chemical Name  | Exposure scenario | Additional information |
|------------|--|-------------------|------------------------|
| 7212-44-4  | 1,6,10-Dodecatrien-3-ol, 3,7,11-trimethyl-   | Release to sewers | Not PBT, RQ < 1        |
| 24048-14-4 | 5,9-Undecadien-1-ol, 2,6,10-trimethyl-   | Release to sewers | Not PBT, RQ < 1        |
| 28897-20-3 | 1,5,9-Undecatrien-4-ol, 6,10-dimethyl-   | Release to sewers | Not PBT, RQ < 1        |
| 4602-84-0  | 2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-   | Release to sewers | Not PBT, RQ < 1        |
| 462-94-2   | 1,5-Pentanediamine   | Release to sewers | Not PBT, RQ < 1        |
| 110-60-1   | 1,4-Butanediamine  | Release to sewers | Not PBT, RQ < 1        |
| 109-76-2   | 1,3-Propanediamine   | Release to sewers | Not PBT, RQ < 1        |
| 149-32-6   | 1,2,3,4-Butanetetrol, (R*,S*)-   | Release to sewers | Not PBT, RQ < 1        |
| 123-76-2   | Pentanoic acid, 4-oxo-   | Release to sewers | Not PBT, RQ < 1        |
| 137-32-6   | 1-Butanol, 2-methyl-   | Release to sewers | Not PBT, RQ < 1        |
| 123-51-3   | 1-Butanol, 3-methyl-   | Release to sewers | Not PBT, RQ < 1        |
| 56-18-8    | 1,3-Propanediamine, N-(3-aminopropyl)-   | Release to sewers | Not PBT, RQ < 1        |
| 67-03-8    | Thiazolium, 3-[(4-amino-2-methyl-5-pyrimidinyl)methyl]-5-(2-hydroxyethyl)-4-methyl-, chloride, hydrochloride (1:1:1) | Release to sewers | Not PBT, RQ < 1        |
| 532-40-1   | Thiazolium, 3-[(4-amino-2-methyl-5-pyrimidinyl)methyl]-4-methyl-5-[2-(phosphonoxy)ethyl]-, chloride                  | Release to sewers | Not PBT, RQ < 1        |
| 532-43-4   | Thiazolium, 3-[(4-amino-2-methyl-5-pyrimidinyl)methyl]-5-(2-hydroxyethyl)-4-methyl-, nitrate (salt)                  | Release to sewers | Not PBT, RQ < 1        |
| 79-92-5    | Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-   | Release to sewers | Not PBT. RQ < 1        |
| 5794-04-7  | Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-, (1S)-  | Release to sewers | Not PBT. RQ < 1        |
| 96-31-1    | Urea, N,N'-dimethyl-   | Release to sewers | Not PBT. RQ < 1        |
| 598-94-7   | Urea, N,N-dimethyl-  | Release to sewers | Not PBT. RQ < 1        |
| 598-50-5   | Urea, methyl-  | Release to sewers | Not PBT. RQ < 1        |
| 3720-97-6  | 2-Imidazolidinone, 4,5-dihydroxy-  | Release to sewers | Not PBT. RQ < 1        |
| 110-15-6   | Butanedioic acid   | Release to sewers | Not PBT, RQ < 1        |
| 150-90-3   | Butanedioic acid, disodium salt  | Release to sewers | Not PBT, RQ < 1        |
| 556-32-1   | Butanedioic acid, magnesium salt (1:1)   | Release to sewers | Not PBT, RQ < 1        |

| CAS RN     | Chemical Name                                | Exposure scenario | Additional information |
|------------|--|-------------------|------------------------|
| 676-47-1   | Butanedioic acid, dipotassium salt           | Release to sewers | Not PBT, RQ < 1        |
| 2226-88-2  | Butanedioic acid, diammonium salt            | Release to sewers | Not PBT, RQ < 1        |
| 6106-21-4  | Butanedioic acid, disodium salt, hexahydrate | Release to sewers | Not PBT, RQ < 1        |
| 14047-56-4 | Butanedioic acid, sodium salt                | Release to sewers | Not PBT, RQ < 1        |
| 15574-09-1 | Butanedioic acid, ammonium salt              | Release to sewers | Not PBT, RQ < 1        |
| 68603-87-2 | Carboxylic acids, di-, C4-6                  | Release to sewers | Not PBT, RQ < 1        |
| 90989-83-6 | Carboxylic acids, di-C4-6, sodium salts      | Release to sewers | Not PBT, RQ < 1        |
| 110-94-1   | Pentanedioic acid                            | Release to sewers | Not PBT, RQ < 1        |
| 29750-34-3 | Pentanedioic acid, ammonium salt             | Release to sewers | Not PBT, RQ < 1        |
| 13521-83-0 | Pentanedioic acid, disodium salt             | Release to sewers | Not PBT, RQ < 1        |
| 32224-61-6 | Pentanedioic acid, sodium salt               | Release to sewers | Not PBT, RQ < 1        |
| 111-16-0   | Heptanedioic acid                            | Release to sewers | Not PBT, RQ < 1        |
| 505-48-6   | Octanedioic acid                             | Release to sewers | Not PBT, RQ < 1        |
| 123-99-9   | Nonanedioic acid                             | Release to sewers | Not PBT, RQ < 1        |
| 14488-58-5 | Nonanedioic acid, calcium salt (1:1)         | Release to sewers | Not PBT, RQ < 1        |
| 17265-13-3 | Nonanedioic acid, disodium salt              | Release to sewers | Not PBT, RQ < 1        |
| 52457-54-2 | Nonanedioic acid, dipotassium salt           | Release to sewers | Not PBT, RQ < 1        |

