



**Australian Government**

**Department of Health and Aged Care**

**Australian Industrial Chemicals Introduction Scheme**

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

**Evaluation statement**

**26 June 2024**



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# AICIS evaluation statement

## Subject of the evaluation

Chemicals 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 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 Executive Director is satisfied that the identified risks to the environment from the introduction and use of the industrial chemicals can be managed.

Note:

1. Obligations to report additional information about hazards under *Section 100* of the *Industrial Chemicals Act 2019* apply.
2. You should be aware of your obligations under environmental, workplace health and safety and poisons legislation as adopted by the relevant state or territory.

## Supporting information

CAS RN	Chemical Name	Exposure scenario	Additional information
57-88-5	Cholest-5-en-3-ol, (3.beta.)-	Release to sewers	Not PBT, this substance is unlikely to cause harm in the environment.
111-02-4	2,6,10,14,18,22-Tetracosahexaene, 2,6,10,15,19,23-hexamethyl-, (all-E)-	Release to sewers	Not PBT, this substance is unlikely to cause harm in the environment.
111-01-3	Tetracosane, 2,6,10,15,19,23-hexamethyl-	Release to sewers	Not PBT, this substance is unlikely to cause harm in the environment.
127-47-9	Retinol, acetate	Release to sewers	Not PBT, this substance is unlikely to cause harm in the environment.
7069-42-3	Retinol, propanoate	Release to sewers	Not PBT, this substance is unlikely to cause harm in the environment.
79-81-2	Retinol, hexadecanoate	Release to sewers	Not PBT, this substance is unlikely to cause harm in the environment.
631-89-0	Retinol, 15-[(9Z,12Z)-9,12-octadecadienoate]	Release to sewers	Not PBT, this substance is unlikely to cause harm in the environment.
9000-11-7	Cellulose, carboxymethyl ether	Release to sewers	Not PBT, this substance is unlikely to cause harm in the environment.
9050-04-8	Cellulose, carboxymethyl ether, calcium salt	Release to sewers	Not PBT, this substance is unlikely to cause harm in the environment.
9004-30-2	Cellulose, carboxymethyl 2-hydroxyethyl ether	Release to sewers	Not PBT, this substance is unlikely to cause harm in the environment.
9088-04-4	Cellulose, carboxymethyl 2-hydroxyethyl ether, sodium salt	Release to sewers	Not PBT, this substance is unlikely to cause harm in the environment.
51395-75-6	Cellulose, mixt. with cellulose carboxymethyl ether sodium salt	Release to sewers	Not PBT, this substance is unlikely to cause harm in the environment.
9063-65-4	Cellulose, 2-hydroxyethyl ether, sodium salt	Release to sewers	Not PBT, this substance is unlikely to cause harm in the environment.
9004-58-4	Cellulose, ethyl 2-hydroxyethyl ether	Release to sewers	Not PBT, this substance is unlikely to cause harm in the environment.

CAS RN	Chemical Name	Exposure scenario	Additional information
9004-64-2	Cellulose, 2-hydroxypropyl ether	Release to sewers	Not PBT, this substance is unlikely to cause harm in the environment.
9004-65-3	Cellulose, 2-hydroxypropyl methyl ether	Release to sewers	Not PBT, this substance is unlikely to cause harm in the environment.
9004-57-3	Cellulose, ethyl ether	Release to sewers	Not PBT, this substance is unlikely to cause harm in the environment.
9004-59-5	Cellulose, ethyl methyl ether	Release to sewers	Not PBT, this substance is unlikely to cause harm in the environment.
9004-67-5	Cellulose, methyl ether	Release to sewers	Not PBT, this substance is unlikely to cause harm in the environment.
9041-56-9	Cellulose, hydroxybutyl methyl ether	Release to sewers	Not PBT, this substance is unlikely to cause harm in the environment.
80455-45-4	Cellulose, hexadecyl 2-hydroxyethyl ether	Release to sewers	Not PBT, this substance is unlikely to cause harm in the environment.
68583-46-0	Cellulose, methyl ether, propoxylated	Release to sewers	Not PBT, this substance is unlikely to cause harm in the environment.
9004-35-7	Cellulose, acetate	Release to sewers	Not PBT, this substance is unlikely to cause harm in the environment.
9012-09-3	Cellulose, triacetate	Release to sewers	Not PBT, this substance is unlikely to cause harm in the environment.
9004-39-1	Cellulose, acetate propanoate	Release to sewers	Not PBT, this substance is unlikely to cause harm in the environment.
9004-48-2	Cellulose, propanoate	Release to sewers	Not PBT, this substance is unlikely to cause harm in the environment.
9032-53-5	Cellulose, 6-carboxy	Release to sewers	Not PBT, this substance is unlikely to cause harm in the environment.
9005-22-5	Cellulose, hydrogen sulfate, sodium salt	Release to sewers	Not PBT, this substance is unlikely to cause harm in the environment.
75-21-8	Oxirane	Release to air	Not PBT, RQ < 1
75-56-9	Oxirane, methyl-	Release to air	Not PBT, RQ < 1
15448-47-2	Oxirane, methyl-, (R)-	Release to air	Not PBT, RQ < 1
1003-14-1	Oxirane, propyl-	Release to air	Not PBT, RQ < 1

CAS RN	Chemical Name	Exposure scenario	Additional information
1436-34-6	Oxirane, butyl-	Release to air	Not PBT, RQ < 1
2984-50-1	Oxirane, hexyl-	Release to air	Not PBT, RQ < 1
26479-35-6	Carbamic acid, (aminocarbonyl)-, monopotassium salt	Release to sewer, surface waters or soil	A substance consisting of environmentally ubiquitous species or species of low concern. The use of this substance is unlikely to cause risk to the environment.
1111-78-0	Carbamic acid, monoammonium salt	Release to sewer, surface waters or soil	A substance consisting of environmentally ubiquitous species or species of low concern. The use of this substance is unlikely to cause risk to the environment.
8000-73-5	Carbonic acid, monoammonium salt, mixture with carbamic acid, monoammonium salt	Release to sewer, surface waters or soil	A substance consisting of environmentally ubiquitous species or species of low concern. The use of this substance is unlikely to cause risk to the environment.
506-87-6	Carbonic acid, diammonium salt	Release to sewer, surface waters or soil	A substance consisting of environmentally ubiquitous species or species of low concern. The use of this substance is unlikely to cause risk to the environment.
10361-29-2	Carbonic acid, ammonium salt	Release to sewer, surface waters or soil	A substance consisting of environmentally ubiquitous species or species of low concern. The use of this substance is unlikely to cause risk to the environment.
546-93-0	Carbonic acid, magnesium salt (1:1)	Release to sewer, surface waters or soil	A substance consisting of environmentally ubiquitous species or species of low concern. The use of this substance is unlikely to cause risk to the environment.
2090-64-4	Carbonic acid, magnesium salt (2:1)	Release to sewer, surface waters or soil	A substance consisting of environmentally ubiquitous species or species of low concern. The use of this substance is unlikely to cause risk to the environment.
7757-69-9	Carbonic acid, magnesium salt	Release to sewer, surface waters or soil	A substance consisting of environmentally ubiquitous species or species of low concern. The use of this substance is unlikely to cause risk to the environment.
7760-50-1	Magnesium, tetrakis(carbonato(2-))dihydropenta-	Release to sewer, surface waters or soil	A substance consisting of environmentally ubiquitous species or species of low concern. The use of this substance is unlikely to cause risk to the environment.
12125-28-9	Magnesium carbonate hydroxide	Release to sewer, surface waters or soil	A substance consisting of environmentally ubiquitous species or species of low concern. The use of this substance is unlikely to cause risk to the environment.

CAS RN	Chemical Name	Exposure scenario	Additional information
39409-82-0	Carbonic acid, magnesium salt (1:1), mixture with magnesiumhydroxide (Mg(OH)2), hydrate	Release to sewer, surface waters or soil	A substance consisting of environmentally ubiquitous species or species of low concern. The use of this substance is unlikely to cause risk to the environment.
12115-66-1	Magnesium, tris[carbonato(2-)] dihydroxytetra-	Release to sewer, surface waters or soil	A substance consisting of environmentally ubiquitous species or species of low concern. The use of this substance is unlikely to cause risk to the environment.
298-14-6	Carbonic acid, monopotassium salt	Release to sewer, surface waters or soil	A substance consisting of environmentally ubiquitous species or species of low concern. The use of this substance is unlikely to cause risk to the environment.
6381-79-9	Carbonic acid, dipotassium salt, sesquihydrate	Release to sewer, surface waters or soil	A substance consisting of environmentally ubiquitous species or species of low concern. The use of this substance is unlikely to cause risk to the environment.
533-96-0	Carbonic acid, sodium salt (2:3)	Release to sewer, surface waters or soil	A substance consisting of environmentally ubiquitous species or species of low concern. The use of this substance is unlikely to cause risk to the environment.
5968-11-6	Carbonic acid, disodium salt, monohydrate	Release to sewer, surface waters or soil	A substance consisting of environmentally ubiquitous species or species of low concern. The use of this substance is unlikely to cause risk to the environment.
6106-20-3	Carbonic acid, sodium salt (2:3), dihydrate	Release to sewer, surface waters or soil	A substance consisting of environmentally ubiquitous species or species of low concern. The use of this substance is unlikely to cause risk to the environment.
6132-02-1	Carbonic acid, disodium salt, decahydrate	Release to sewer, surface waters or soil	A substance consisting of environmentally ubiquitous species or species of low concern. The use of this substance is unlikely to cause risk to the environment.
7790-62-7	Disulfuric acid, dipotassium salt	Release to sewer, surface waters or soil	A substance consisting of environmentally ubiquitous species or species of low concern. The use of this substance is unlikely to cause risk to the environment.
25723-52-8	1,2-Ethanediamine, sulfate	Release to sewer, surface waters or soil	A substance consisting of environmentally ubiquitous species or species of low concern. The use of this substance is unlikely to cause risk to the environment.



CAS RN	Chemical Name	Exposure scenario	Additional information
19834-02-7	Cyclohexanamine, sulfate (1:1)	Release to sewer, surface waters or soil	A substance consisting of environmentally ubiquitous species or species of low concern. The use of this substance is unlikely to cause risk to the environment.
7376-31-0	Ethanol, 2,2',2''-nitrilotris-, sulfate (salt)	Release to sewer, surface waters or soil	A substance consisting of environmentally ubiquitous species or species of low concern. The use of this substance is unlikely to cause risk to the environment.
20261-59-0	Ethanol, 2-amino-, sulfate (2:1) salt	Release to sewer, surface waters or soil	A substance consisting of environmentally ubiquitous species or species of low concern. The use of this substance is unlikely to cause risk to the environment.
56633-27-3	Ethanol, 2-amino-, sulfate (salt)	Release to sewer, surface waters or soil	A substance consisting of environmentally ubiquitous species or species of low concern. The use of this substance is unlikely to cause risk to the environment.
7727-73-3	Sulfuric acid sodium salt (1:2), hydrate (1:10)	Release to sewer, surface waters or soil	A substance consisting of environmentally ubiquitous species or species of low concern. The use of this substance is unlikely to cause risk to the environment.
13863-45-1	Sulfuric acid, ammonium sodium salt	Release to sewer, surface waters or soil	A substance consisting of environmentally ubiquitous species or species of low concern. The use of this substance is unlikely to cause risk to the environment.
10034-76-1	Sulfuric acid, calcium salt (1:1), hemihydrate	Release to sewer, surface waters or soil	A substance consisting of environmentally ubiquitous species or species of low concern. The use of this substance is unlikely to cause risk to the environment.
7803-63-6	Sulfuric acid, monoammonium salt	Release to sewer, surface waters or soil	A substance consisting of environmentally ubiquitous species or species of low concern. The use of this substance is unlikely to cause risk to the environment.
7646-93-7	Sulfuric acid, monopotassium salt	Release to sewer, surface waters or soil	A substance consisting of environmentally ubiquitous species or species of low concern. The use of this substance is unlikely to cause risk to the environment.
7681-38-1	Sulfuric acid, monosodium salt	Release to sewer, surface waters or soil	A substance consisting of environmentally ubiquitous species or species of low concern. The use of this substance is unlikely to cause risk to the environment.

CAS RN	Chemical Name	Exposure scenario	Additional information
10034-88-5	Sulfuric acid, monosodium salt, monohydrate	Release to sewer, surface waters or soil	A substance consisting of environmentally ubiquitous species or species of low concern. The use of this substance is unlikely to cause risk to the environment.
29340-79-2	Ethanol, 2,2',2''-nitriлотри-, sulfite (salt)	Release to sewer, surface waters or soil	A substance consisting of environmentally ubiquitous species or species of low concern. The use of this substance is unlikely to cause risk to the environment.
61542-02-7	Ethanol, 2,2',2''-nitriлотри-, sulfite (1:1) (salt)	Release to sewer, surface waters or soil	A substance consisting of environmentally ubiquitous species or species of low concern. The use of this substance is unlikely to cause risk to the environment.
38664-32-3	Ethanol, 2,2',2''-nitriлотри-, sulfite (2:1) salt	Release to sewer, surface waters or soil	A substance consisting of environmentally ubiquitous species or species of low concern. The use of this substance is unlikely to cause risk to the environment.
13427-63-9	Ethanol, 2-amino-, sulfite (1:1) (salt)	Release to sewer, surface waters or soil	A substance consisting of environmentally ubiquitous species or species of low concern. The use of this substance is unlikely to cause risk to the environment.
15535-29-2	Ethanol, 2-amino-, sulfite (2:1) (salt)	Release to sewer, surface waters or soil	A substance consisting of environmentally ubiquitous species or species of low concern. The use of this substance is unlikely to cause risk to the environment.
7782-99-2	Sulfurous acid	Release to sewer, surface waters or soil	A substance consisting of environmentally ubiquitous species or species of low concern. The use of this substance is unlikely to cause risk to the environment.
10102-15-5	Sulfurous acid, disodium salt, heptahydrate	Release to sewer, surface waters or soil	A substance consisting of environmentally ubiquitous species or species of low concern. The use of this substance is unlikely to cause risk to the environment.
10124-41-1	Thiosulfuric acid (H <sub>2</sub> S <sub>2</sub> O <sub>3</sub> ), calcium salt (1:1)	Release to sewer, surface waters or soil	A substance consisting of environmentally ubiquitous species or species of low concern. The use of this substance is unlikely to cause risk to the environment.
10294-66-3	Thiosulfuric acid (H <sub>2</sub> S <sub>2</sub> O <sub>3</sub> ), dipotassium salt	Release to sewer, surface waters or soil	A substance consisting of environmentally ubiquitous species or species of low concern. The use of this substance is unlikely to cause risk to the environment.

CAS RN	Chemical Name	Exposure scenario	Additional information
10102-17-7	Thiosulfuric acid (H <sub>2</sub> S <sub>2</sub> O <sub>3</sub> ), disodium salt, pentahydrate	Release to sewer, surface waters or soil	A substance consisting of environmentally ubiquitous species or species of low concern. The use of this substance is unlikely to cause risk to the environment.
10103-43-2	Thiosulfuric acid (H <sub>2</sub> S <sub>2</sub> O <sub>3</sub> ), monoammonium salt	Release to sewer, surface waters or soil	A substance consisting of environmentally ubiquitous species or species of low concern. The use of this substance is unlikely to cause risk to the environment.

