



**Australian Government**

**Department of Health, Disability and Ageing**

**Australian Industrial Chemicals Introduction Scheme**

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

**Evaluation statement (EVA00194)**

**26 June 2026**



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# AICIS evaluation statement (EVA00194)

## Subject of the evaluation

Chemicals that are unlikely to require further regulation to manage risks to human health.

## Chemicals in this evaluation

This evaluation statement includes 35 chemicals listed on the Australian Inventory of Industrial Chemicals (the Inventory). See **Supporting information** for the list of chemicals included in the evaluation.

## Reason for the evaluation

Evaluation is needed to provide information on human health risks.

## Parameters of evaluation

This evaluation provides information on chemicals listed on the Inventory, identified during the Evaluation Selection Analysis (ESA) process as unlikely to require further regulation to manage risks to health. The ESA considers the intrinsic hazard of the chemical, the potential human exposure and existing risk management measures.

Based on the use category, the ESA process first sought to validate the absence of the following hazards:

- Site-limited – neurotoxic, carcinogenic, mutagenic or a reproductive toxin.
- Commercial – as above, as well as very high acute toxicity, high repeat dose toxicity, high corrosivity and respiratory sensitisation.
- Domestic – as above, as well as moderate acute toxicity, moderate repeat dose toxicity, skin sensitisation and moderate corrosivity.
- Cosmetic – any classifiable hazard, including harmful by acute exposure and irritating to skin and eyes.

Where these hazards were identified, we considered whether they would be present under the likely conditions of use, which were determined based on available information. For example, where a chemical is irritating because of its extreme pH, but the formulated product will be at a more neutral pH, or the irritant property is not relevant to the product. This evaluation statement provides key information used during the ESA process including the highest use category and additional information on any factors that have contributed to risk conclusions.

During the ESA, we may also identify chemicals that are only used in research laboratories in very small quantities. No evaluation of hazards was undertaken for these chemicals.

# Summary of evaluation

## Summary of introduction, use and end use

See **Supporting information** for the highest use category identified for each chemical. Chemicals with only non-industrial uses (food, therapeutic, agricultural, and veterinary) are excluded. The categories used by AICIS, in order of increasing exposure, are:

- Site-Limited – only used in large chemical operations.
- Commercial – used by small factories, scattered through the community, industrial cleaning, operations, and rare use by specialised hobbyist members of the public.
- Domestic – used in products generally available to the public, excluding cosmetics.
- Cosmetic – personal care products.

## Human health

### Summary of health risk

#### Public

Based on the available information, there are no identified risks to the public that require further regulation to manage. Although some of the chemicals with cosmetic and domestic uses may have potential health hazards, risks to the public are minimised by:

- the concentrations at which the public are exposed
- normal precautions being taken when using domestic products to avoid skin and eye contact
- the systemic bioavailability of chemicals.

See **Supporting information** for additional information on any factors that have contributed to the risk conclusions. Any requirements under poisons legislation as adopted by the relevant state or territory should be met to minimise risk.

#### Workers

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

Although chemicals in this evaluation may meet the criteria for classification according to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) based on the highest category of use identified (see **Supporting information**), controls to manage the risk to workers are expected to be in place.

All requirements under workplace health and safety as adopted by the relevant state or territory should be met to minimise risk.

## Conclusions

The Executive Director is satisfied that the identified risks to human health 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. A person introducing these chemicals should be aware of their obligations under environmental, workplace health and safety and poisons legislation as adopted by the relevant state or territory.

## Supporting information

CAS No	Chemical Name	Highest Use Category (Human Health)	Additional information
105-72-6	Butanoic acid, 1,2-ethanediyl ester	Commercial	-
111-55-7	1,2-Ethandiol, diacetate	Cosmetic	-
544-12-7	3-Hexen-1-ol	Cosmetic	Data available on the function of the chemical indicate that it may be used in cosmetics, but only at low concentrations.
594-45-6	Ethanesulfonic acid	Site-Limited	-
598-98-1	Propanoic acid, 2,2-dimethyl-, methyl ester	Cosmetic	Data available indicate that it may be used in cosmetic products, but only at low concentrations.
622-45-7	Acetic acid, cyclohexyl ester	Cosmetic	Data available indicate that it may be used in cosmetic products, but only at low concentrations.
868-57-5	Butanoic acid, 2-methyl-, methyl ester	Cosmetic	Data available indicate that it may be used in cosmetic products, but only at low concentrations.
928-96-1	3-Hexen-1-ol, (Z)-	Cosmetic	Data available on the function of the chemical indicate that it may be used in cosmetics, but only at low concentrations.
928-97-2	3-Hexen-1-ol, (E)-	Cosmetic	Data available on the function of the chemical indicate that it may be used in cosmetics, but only at low concentrations.
1129-47-1	Isobutyric acid, cyclohexyl ester	Cosmetic	Data available indicate that it may be used in cosmetic products, but only at low concentrations.

CAS No	Chemical Name	Highest Use Category (Human Health)	Additional information
1185-53-1	1,3-Propanediol, 2-amino-2-(hydroxymethyl)-, hydrochloride	Cosmetic	Data available indicate that it may be used in cosmetic products, but only at low concentrations.
1551-44-6	Butanoic acid, cyclohexyl ester	Cosmetic	Data available indicate that it may be used in cosmetic products, but only at low concentrations.
1708-82-3	3-Hexen-1-ol, acetate	Cosmetic	Data available indicate that it may be used in cosmetic products, but only at low concentrations.
2445-67-2	Butanoic acid, 2-methyl-, 2-methylpropyl ester	Cosmetic	Data available indicate that it may be used in cosmetic products, but only at low concentrations.
3681-71-8	3-Hexen-1-ol, acetate, (Z)-	Cosmetic	Data available indicate that it may be used in cosmetic products, but only at low concentrations.
3681-82-1	3-Hexen-1-ol, acetate, (E)-	Cosmetic	Data available indicate that it may be used in cosmetic products, but only at low concentrations.
5726-19-2	Cyclohexanol, 2-methyl-, acetate	Cosmetic	Data available indicate that it may be used in cosmetic products, but only at low concentrations.
6284-40-8	D-Glucitol, 1-deoxy-1-(methylamino)-	Cosmetic	Data available indicate that it may be used in cosmetic products, but only at low concentrations.
7452-79-1	Butanoic acid, 2-methyl-, ethyl ester	Cosmetic	Data available indicate that it may be used in cosmetic products, but only at low concentrations.
7774-44-9	Butanoic acid, 3-methyl-, cyclohexyl ester	Cosmetic	Data available indicate that it may be used in cosmetic products, but only at low concentrations.
10032-11-8	Butanoic acid, 3-methyl-, 3-hexenyl ester	Cosmetic	Data available indicate that it may be used in cosmetic products, but only at low concentrations.

CAS No	Chemical Name	Highest Use Category (Human Health)	Additional information
10094-41-4	Butanoic acid, 2-methyl-, 3-hexenyl ester	Cosmetic	Data available indicate that it may be used in cosmetic products, but only at low concentrations.
15706-73-7	Butanoic acid, 2-methyl-, butyl ester	Cosmetic	Data available indicate that it may be used in cosmetic products, but only at low concentrations.
15876-32-1	Cyclohexanol, 4-isopropyl-, acetate, <i>trans</i> -	Cosmetic	Data available indicate that it may be used in cosmetic products, but only at low concentrations.
16491-36-4	Butanoic acid, 3-hexenyl ester, (Z)-	Cosmetic	Data available indicate that it may be used in cosmetic products, but only at low concentrations.
24199-46-0	5-Octen-2-one, 6-methyl-	Site-Limited	-
33467-74-2	3-Hexen-1-ol, propanoate, (Z)-	Cosmetic	Data available indicate that it may be used in cosmetic products, but only at low concentrations.
35154-45-1	Butanoic acid, 3-methyl-, 3-hexenyl ester, (Z)-	Cosmetic	Data available indicate that it may be used in cosmetic products, but only at low concentrations.
35852-46-1	Pentanoic acid, 3-hexenyl ester, (Z)-	Cosmetic	Data available indicate that it may be used in cosmetic products, but only at low concentrations.
37064-20-3	Butanoic acid , 2-methyl-, propyl ester	Cosmetic	Data available indicate that it may be used in cosmetic products, but only at low concentrations.
41519-23-7	Propanoic acid, 2-methyl-, 3-hexenyl ester, (Z)-	Cosmetic	Data available indicate that it may be used in cosmetic products, but only at low concentrations.
53398-84-8	Butanoic acid, 3-hexenyl ester, (E)-	Cosmetic	Data available indicate that it may be used in cosmetic products, but only at low concentrations.

CAS No	Chemical Name	Highest Use Category (Human Health)	Additional information
53398-85-9	Butanoic acid, 2-methyl-, 3-hexenyl ester, (Z)-	Cosmetic	Data available indicate that it may be used in cosmetic products, but only at low concentrations.
63449-95-6	Cyclohexanol, 4-(1-methylethyl)-, propanoate	Cosmetic	Data available indicate that it may be used in cosmetic products, but only at low concentrations.
84682-20-2	Propanoic acid, 2-methyl-, 3-hexenyl ester, (E)-	Cosmetic	Data available indicate that it may be used in cosmetic products, but only at low concentrations.

## References

AICIS (Australian Industrial Chemicals Introduction Scheme) (2019), [\*The Industrial Chemicals Act 2019\*](#), AICIS, accessed 24 March 2026.

AICIS (Australian Industrial Chemicals Introduction Scheme) (n.d.), [\*The Australian Inventory of Industrial Chemicals \(Inventory\)\*](#), AICIS, accessed 24 March 2026.

