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 human health

Evaluation statement (EVA00165)

31 March 2025

Draft

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AICIS evaluation statement (EVA00165)

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 38 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 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 health. The ESA takes into account 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, plus very high acute toxicity, high repeat dose toxicity, high corrosivity and respiratory sensitisation.
- Domestic – as above plus 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 or 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 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. The categories used by AICIS, in order of increasing exposure, are:

- Non-industrial excluded uses (only) – food, therapeutic, agricultural, and veterinary.
- 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 proposes to be 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. 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 No	Chemical Name	Highest Use Category (Human Health)	Additional information
102-09-0	Carbonic acid, diphenyl ester	Site-Limited	-
142-26-7	Acetamide, N-(2-hydroxyethyl)-	Cosmetic	Data available indicate that it may be used in cosmetic products, but only at low concentrations.
1330-39-8	Cuprate(3-), [29H,31H-phthalocyaninetrisulfonato(5-)-N29,N30,N31,N32]-, trisodium	Domestic	-
12225-39-7	Cuprate(4-), [[[[5-[(4-amino-6-chloro-1,3,5-triazin-2-yl)amino]-2-sulfophenyl]amino]sulfonyl]-29H,31H-phthalocyaninetrisulfonato(6-)-N29,N30,N31,N32]-, tetrasodium	Domestic	Minimal public exposure is expected during use of ink, toner and colourant products
12238-09-4	Cuprate(3-), [[[[5-[(4-amino-6-chloro-1,3,5-triazin-2-yl)amino]-2-sulfophenyl]amino]sulfonyl](aminosulfonyl)-29H,31H-phthalocyaninedisulfonato(5-)-N29,N30,N31,N32]-, trihydrogen	Domestic	Minimal public exposure is expected during use of ink, toner and colourant products
14832-14-5	Copper, [1,2,3,4,8,9,10,11,15,16,17,18,22,23,24,25-hexadecachloro-29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32]-, (SP-4-1)-	Domestic	-
25512-09-8	Copper, [hydrogen phthalocyaninesulfonato(2-)]-, monoammonium salt	Domestic	-
27360-85-6	Cuprate(4-), [29H,31H-phthalocyaninetetrasulfonato(6-)-N29,N30,N31,N32]-, tetrasodium	Domestic	-
29188-28-1	Cuprate(2-), [29H,31H-phthalocyaninedisulfonato(4-)-N29,N30,N31,N32]-, dihydrogen	Domestic	-
29719-96-8	Copper, [trichloro-29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32]-	Domestic	-
33481-16-2	Copper, [N,N',N''-tris[3-(dimethylamino)propyl]-29H,31H-phthalocyaninetrisulfonamidato(2-)-N29,N30,N31,N32]-	Domestic	-

CAS No	Chemical Name	Highest Use Category (Human Health)	Additional information
39702-40-4	Copper, [N,N',N'',N'''-tetraoctadecyl-29H,31H-phthalocyaninetetrasulfonamidato(2-)-N29,N30,N31,N32]-	Domestic	-
52673-60-6	Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-hydro-.omega.-hydroxy-, ether with methyl D-glucopyranoside (4:1)	Domestic	-
53026-67-8	Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy-, ether with methyl D-glucopyranoside (4:1)	Cosmetic	-
63950-02-7	Cuprate(1-), [(aminosulfonyl)-29H,31H-phthalocyaninesulfonato(3-)-N29,N30,N31,N32]-, sodium	Domestic	-
67968-25-6	Cuprate(2-), [bis(aminosulfonyl)-29H,31H-phthalocyaninedisulfonato(4-)-N29,N30,N31,N32]-, disodium	Domestic	-
68389-70-8	Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy-, ether with methyl .beta.-D-glucopyranoside, octadecanoate (8:2:3)	Cosmetic	-
68909-43-3	Copper, [29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32]-, [2-[(4,6-dichloro-1,3,5-triazin-2-yl)amino]ethyl]amino sulfo derivatives, sodium salts	Domestic	Minimal public exposure is expected during use of ink, toner and colourant products
68967-01-1	Cuprate(2-), [[[[3-[(4-amino-6-chloro-1,3,5-triazin-2-yl)amino]-4-sulfophenyl]amino]sulfonyl](aminosulfonyl)-29H,31H-phthalocyaninesulfonato(4-)-N29,N30,N31,N32]-, disodium	Domestic	Minimal public exposure is expected during use of ink, toner and colourant products
72175-39-4	Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy-, ether with methyl D-glucopyranoside, octadecanoate (8:2:3)	Cosmetic	-
72207-65-9	Copper, [29H,31H-phthalocyaninato(2-)-.kappa.N29,.kappa.N30,.kappa.N31,.kappa.N32]-, chloro sulfo derivs.	Domestic	-

CAS No	Chemical Name	Highest Use Category (Human Health)	Additional information
72214-17-6	Cuprate(2-), [[[[3-[(4-amino-6-chloro-1,3,5-triazin-2-yl)amino]phenyl]amino]sulfonyl](aminosulfonyl)-29H,31H-phthalocyaninedisulfonato(4-)-N29,N30,N31,N32]-, disodium	Domestic	Minimal public exposure is expected during use of ink, toner and colourant products
72623-97-3	Copper, [29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32]-, [(2-hydroxyethyl)amino]sulfonyl derivatives	Domestic	-
73455-75-1	Cuprate(1-), [29H,31H-phthalocyaninesulfonato(3-)-N29,N30,N31,N32]-, hydrogen, compound with 1-dodecanamine (1:1)	Domestic	-
75214-59-4	Cuprate(2-), [[[[3-[(4-amino-6-chloro-1,3,5-triazin-2-yl)amino]-4-sulfophenyl]amino]sulfonyl]bis(aminosulfonyl)-29H,31H-phthalocyaninesulfonato(4-)-N29,N30,N31,N32]-, disodium	Domestic	Minimal public exposure is expected during use of ink, toner and colourant products
80146-12-9	Copper, [29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32]-, aminosulfonyl sulfo derivatives	Domestic	-
81457-64-9	Copper, [29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32]-, (butylamino)sulfonyl [(2-ethylhexyl)amino]sulfonyl derivatives	Domestic	-
82864-56-0	Copper, [N,N',N'',N'''-tetrakis[3-(dimethylamino)propyl]-29H,31H-phthalocyaninetetrasulfonamidato(2-)-N29,N30,N31,N32]-, tetrahydrochloride	Domestic	-
85650-96-0	Cuprate(1-), [29H,31H-phthalocyaninesulfonato(2-)-N29,N30,N31,N32]-, hydrogen, compound with (Z)-9-octadecen-1-amine (1:1)	Domestic	-
86893-19-8	Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy-, ether with methyl D-glucopyranoside 2,6-di-(9Z)-9-octadecenoate (2:1)	Cosmetic	-

CAS No	Chemical Name	Highest Use Category (Human Health)	Additional information
90295-06-0	Copper, [29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32]-, aminosulfonyl [[3-[[4-chloro-6-[(3-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]-4-sulfophenyl]amino]sulfonyl sulfo derivatives, sodium salts	Domestic	Minimal public exposure is expected during use of ink, toner and colourant products
93821-74-0	Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-hydro-.omega.-[(1-oxooctadecyl)oxy]-, 2,6-ether with methyl D-glucopyranoside(2:1), ether with .alpha.-hydro-.omega.-hydroxypoly[oxy(methyl-1,2-ethanediyl)] (1:2)	Cosmetic	-
94031-29-5	Copper, [29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32]-, [[3-(dimethylamino)propyl]amino]sulfonyl sulfo derivatives, sodium salts, formates	Domestic	-
94277-13-1	Cuprate(1-), [bis[(dibutylamino)sulfonyl]-29H,31H-phthalocyaninesulfonato(3-)-N29,N30,N31,N32]-, ammonium	Domestic	-
94277-16-4	Cuprate(1-), [tris[[[3-(cyclohexylamino)propyl]amino]sulfonyl]-29H,31H-phthalocyaninesulfonato(3-)-N29,N30,N31,N32]-, hydrogen	Domestic	-
97808-75-8	Copper, [29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32]-, [[3-[(4-amino-6-chloro-1,3,5-triazin-2-yl)amino]-4-sulfophenyl]amino]sulfonyl aminosulfonyl sulfo derivatives, sodium salts	Domestic	Minimal public exposure is expected during use of ink, toner and colourant products
119831-19-5	Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy-, ether with methyl D-glucopyranoside (4:1), dioctadecanoate	Cosmetic	-
123005-57-2	Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy-, ether with methyl D-glucopyranoside (3:1), ether with .alpha.-[3-(dodecyldimethylammonio)-2-hydroxypropyl]-.omega.-hydroxypoly(oxy-1,2-ethanediyl) chloride (1:1)	Cosmetic	-

References

AICIS (Australian Industrial Chemicals Introduction Scheme) (2019), *The Industrial Chemicals Act 2019*, AICIS, accessed 6 January 2025.

AICIS (Australian Industrial Chemicals Introduction Scheme) (n.d.), *The Australian Inventory of Industrial Chemicals (Inventory)*, AICIS, accessed 6 January 2025.