



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 (EVA00165)

26 June 2025



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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 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 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 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. 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-sulphophenyl)amino]-1,3,5-triazin-2-yl]amino]-4-sulphophenyl]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-sulphophenyl]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.

