



INVENTORY MULTI-TIERED ASSESSMENT AND PRIORITISATION (IMAP) FRAMEWORK

Tranche Two - Tier II Human Health Assessments

Table 2: Tranche Two Tier II – Human health assessments (final).

CAS Registry Number	Chemical Name	Group Assessment Name	Australian Uses*					Assessment Outcome
			Cosmetic	Domestic	Commercial	Site-Limited	Non-Industrial	
107-92-6	Butanoic acid				✓			No recommendation as existing regulatory controls are considered sufficient.
105-59-9	Ethanol,2,2'-(methylimino)bis-				✓			No recommendation as existing regulatory controls are considered sufficient.
141-53-7	Formic acid, sodium salt							No recommendation as existing regulatory controls are considered sufficient.
552-30-7	5-Isobenzofurancarboxylic acid, 1,3-dihydro-1,3-dioxo-				✓			No recommendation as existing regulatory controls are considered sufficient.

CAS Registry Number	Chemical Name	Group Assessment Name	Australian Uses*					Assessment Outcome
			Cosmetic	Domestic	Commercial	Site-Limited	Non-Industrial	
78-59-1	2-Cyclohexen-1-one, 3,5,5-trimethyl-							No recommendation as existing regulatory controls are considered sufficient.
75-00-3	Ethane, chloro-				✓	✓		No recommendation as existing regulatory controls are considered sufficient.
78-93-3	2-Butanone			✓	✓	✓		No recommendation as existing regulatory controls are considered sufficient.
68-12-2	Formamide, N,N-dimethyl-				✓	✓		No recommendation as existing regulatory controls are considered sufficient.
91-08-7	Benzene, 1,3-diisocyanato-2-methyl-	Toluene diisocyanates						No recommendation as existing regulatory controls are considered sufficient.
584-84-9	Benzene, 2,4-diisocyanato-1-methyl-	Toluene diisocyanates			✓			No recommendation as existing regulatory controls are considered sufficient.
9017-01-0	Benzene, 1,3-diisocyanatomethyl-, homopolymer	Toluene diisocyanates						No recommendation as existing regulatory controls are considered sufficient.

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			Cosmetic	Domestic	Commercial	Site-Limited	Non-Industrial	
26747-90-0	1,3-Diazetidone-2,4-dione, 1,3-bis(3-isocyanatomethylphenyl)-	Toluene diisocyanates						No recommendation as existing regulatory controls are considered sufficient.
26471-62-5	Benzene, 1,3-diisocyanatomethyl-	Toluene diisocyanates						No recommendation as existing regulatory controls are considered sufficient.
26603-40-7	1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tris(3-isocyanatomethylphenyl)-	Toluene diisocyanates						No recommendation as existing regulatory controls are considered sufficient.
1072-35-1	Octadecanoic acid, lead(2+) salt	Lead salts of selected fatty acids						No recommendation as existing regulatory controls are considered sufficient.
16996-51-3	9,12-Octadecadienoic acid, (Z,Z)-, lead salt	Lead salts of selected fatty acids			✓	✓		No recommendation as existing regulatory controls are considered sufficient.
1120-46-3	9-Octadecenoic acid, lead(2+) salt, (Z)-	Lead salts of selected fatty acids						No recommendation as existing regulatory controls are considered sufficient.
3249-61-4	Docosanoic acid, lead salt	Lead salts of selected fatty acids						No recommendation as existing regulatory controls are considered sufficient.

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7319-86-0	Octanoic acid, lead(2+) salt	Lead salts of selected fatty acids						No recommendation as existing regulatory controls are considered sufficient.
7428-48-0	Octadecanoic acid, lead salt	Lead salts of selected fatty acids						No recommendation as existing regulatory controls are considered sufficient.
12578-12-0	Lead, bis(octadecanoato)dioxotri-	Lead salts of selected fatty acids						No recommendation as existing regulatory controls are considered sufficient.
13094-04-7	9-Octadecenoic acid, 12-hydroxy-, lead(2+) salt (2:1), [R-(Z)]-	Lead salts of selected fatty acids						No recommendation as existing regulatory controls are considered sufficient.
15306-30-6	Dodecanoic acid, lead salt	Lead salts of selected fatty acids						No recommendation as existing regulatory controls are considered sufficient.
15347-55-4	9-Octadecenoic acid, lead salt, (Z)-	Lead salts of selected fatty acids						No recommendation as existing regulatory controls are considered sufficient.
15696-43-2	Octanoic acid, lead salt	Lead salts of selected fatty acids						No recommendation as existing regulatory controls are considered sufficient.

CAS Registry Number	Chemical Name	Group Assessment Name	Australian Uses*					Assessment Outcome
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15773-52-1	Decanoic acid, lead(2+) salt	Lead salts of selected fatty acids						No recommendation as existing regulatory controls are considered sufficient.
15773-55-4	Dodecanoic acid, lead(2+) salt	Lead salts of selected fatty acids						No recommendation as existing regulatory controls are considered sufficient.
15773-56-5	Hexadecanoic acid, lead(2+) salt	Lead salts of selected fatty acids						No recommendation as existing regulatory controls are considered sufficient.
19528-55-3	Hexadecanoic acid, lead salt	Lead salts of selected fatty acids						No recommendation as existing regulatory controls are considered sufficient.
20403-41-2	Tetradecanoic acid, lead salt	Lead salts of selected fatty acids						No recommendation as existing regulatory controls are considered sufficient.
20403-42-3	Decanoic acid, lead salt	Lead salts of selected fatty acids						No recommendation as existing regulatory controls are considered sufficient.
29597-84-0	Docosanoic acid, lead(2+) salt	Lead salts of selected fatty acids						No recommendation as existing regulatory controls are considered sufficient.

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33627-12-2	9,12-Octadecadienoic acid, (Z,Z)-, lead(2+) salt	Lead salts of selected fatty acids						No recommendation as existing regulatory controls are considered sufficient.
56189-09-4	Lead, bis(octadecanoato)dioxidi-	Lead salts of selected fatty acids						No recommendation as existing regulatory controls are considered sufficient.
58405-97-3	Octadecanoic acid, 12-hydroxy-, lead(2+) salt (2:1)	Lead salts of selected fatty acids						No recommendation as existing regulatory controls are considered sufficient.
93858-24-3	9-Hexadecenoic acid, lead(2+) salt, (Z)-	Lead salts of selected fatty acids						No recommendation as existing regulatory controls are considered sufficient.
93966-37-1	Tricosanoic acid, lead salt	Lead salts of selected fatty acids						No recommendation as existing regulatory controls are considered sufficient.
93966-38-2	Tetracosanoic acid, lead salt	Lead salts of selected fatty acids						No recommendation as existing regulatory controls are considered sufficient.
94006-20-9	Hexacosanoic acid, lead salt	Lead salts of selected fatty acids						No recommendation as existing regulatory controls are considered sufficient.

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94266-31-6	Eicosanoic acid, lead(2+) salt (2:1)	Lead salts of selected fatty acids						No recommendation as existing regulatory controls are considered sufficient.
94266-32-7	Eicosanoic acid, lead salt	Lead salts of selected fatty acids						No recommendation as existing regulatory controls are considered sufficient.
100-41-4	Benzene, ethyl							Amendment of the existing classifications for worker health and safety on the Hazardous Substances Information System (HSIS)**.
122-20-3	2-Propanol, 1,1',1''-nitrilotris-				✓			Amendment of the existing classifications for worker health and safety on the Hazardous Substances Information System (HSIS)**.
124-04-9	Hexanedioic acid				✓			Amendment of the existing classifications for worker health and safety on the Hazardous Substances Information System (HSIS)**.

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107-06-2	Ethane, 1,2-dichloro-				✓	✓		Amendment of the existing classifications for worker health and safety on the Hazardous Substances Information System (HSIS)**.
126-73-8	Phosphoric acid, tributyl ester							Amendment of the existing classifications for worker health and safety on the Hazardous Substances Information System (HSIS)**.
64-18-6	Formic acid							Amendment of the existing classifications for worker health and safety on the Hazardous Substances Information System (HSIS)**.
106-94-5	Propane, 1-bromo-				✓	✓		Amendment of the existing classifications for worker health and safety on the Hazardous Substances Information System (HSIS)**.

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75-07-0	Acetaldehyde							Amendment of the existing classifications for worker health and safety on the Hazardous Substances Information System (HSIS)**.
95-47-6	Benzene, 1,2-dimethyl-	Xylenes						Amendment of the existing classifications for worker health and safety on the Hazardous Substances Information System (HSIS)**.
106-42-3	Benzene, 1,4-dimethyl-	Xylenes			✓	✓		Amendment of the existing classifications for worker health and safety on the Hazardous Substances Information System (HSIS)**.
108-38-3	Benzene, 1,3-dimethyl-	Xylenes						Amendment of the existing classifications for worker health and safety on the Hazardous Substances Information System (HSIS)**.

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1330-20-7	Benzene, dimethyl-	Xylenes						Amendment of the existing classifications for worker health and safety on the Hazardous Substances Information System (HSIS)**.
101-68-8	Benzene, 1,1'-methylenebis[4-isocyanato-	Methylenediphenyl diisocyanates						Amendment of the existing classifications for worker health and safety on the Hazardous Substances Information System (HSIS)**.
2536-05-2	Benzene, 1,1'-methylenebis[2-isocyanato-	Methylenediphenyl diisocyanates		✓	✓			Amendment of the existing classifications for worker health and safety on the Hazardous Substances Information System (HSIS)**.
5873-54-1	Benzene, 1-isocyanato-2-[(4-isocyanatophenyl)methyl]-	Methylenediphenyl diisocyanates						Amendment of the existing classifications for worker health and safety on the Hazardous Substances Information System (HSIS)**.

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9016-87-9	Isocyanic acid, polymethylenepolyphenylene ester	Methylenediphenyl diisocyanates						Amendment of the existing classifications for worker health and safety on the Hazardous Substances Information System (HSIS)**.
17589-24-1	1,3-Diazetidine-2,4-dione, 1,3-bis[4-[(4-isocyanatophenyl)methyl]phenyl]-	Methylenediphenyl diisocyanates						Amendment of the existing classifications for worker health and safety on the Hazardous Substances Information System (HSIS)**.
25686-28-6	Benzene, 1,1'-methylenebis[4-isocyanato-, homopolymer	Methylenediphenyl diisocyanates						Amendment of the existing classifications for worker health and safety on the Hazardous Substances Information System (HSIS)**.
26447-40-5	Benzene, 1,1'-methylenebis[isocyanato-	Methylenediphenyl diisocyanates						Amendment of the existing classifications for worker health and safety on the Hazardous Substances Information System (HSIS)**.

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31107-36-5	1,3-Diazetid-2-one, 1,3-bis[4-[(4-isocyanatophenyl)methyl]phenyl]-4-[[4-[(4-isocyanatophenyl)methyl]phenyl]imino]-	Methylenediphenyl diisocyanates						Amendment of the existing classifications for worker health and safety on the Hazardous Substances Information System (HSIS)**.
39310-05-9	Benzene, 1,1'-methylenebis[isocyanato-, homopolymer	Methylenediphenyl diisocyanates						Amendment of the existing classifications for worker health and safety on the Hazardous Substances Information System (HSIS)**.
88-72-2	Benzene, 1-methyl-2-nitro-							Recommendation for regulatory control for public health through scheduling on the Poisons Standard (SUSMP) only.

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122-60-1	Oxirane, (phenoxymethyl)-							Recommendations for regulatory control for public health through scheduling on the Poisons Standard (SUSMP) and amendment of the existing classifications for worker health and safety on the HSIS**
71-23-8	1-Propanol		✓		✓			Recommendations for regulatory control for public health through scheduling on the Poisons Standard (SUSMP) and amendment of the existing classifications for worker health and safety on the HSIS**

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79-46-9	Propane, 2-nitro-							Recommendations for regulatory control for public health through scheduling on the Poisons Standard (SUSMP) and amendment of the existing classifications for worker health and safety on the HSIS**
98-01-1	2-Furancarboxaldehyde							Recommendations for regulatory control for public health through scheduling on the Poisons Standard (SUSMP) and amendment of the existing classifications for worker health and safety on the HSIS**

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107-05-1	1-propene, 3-chloro-							Recommendation for Tier III assessment to consider the adequacy of the current exposure standards and amendment of the existing classifications for worker health and safety on the HSIS**

* Australian use information held by NICNAS. More information on use including international uses of the chemical is contained in the Tier II assessment report.

** In the IMAP assessment reports classification according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) is also provided.