

14 ACCESS TO FULL PUBLIC REPORTS

NICNAS publishes a Full Public Report for each new chemical assessed. These reports are available for public inspection at the library of the National Occupational Health & Safety Commission at their Canberra office by appointment only. Please call the library on (02) 6279 1161 or (02) 6279 1163 to arrange to view the Full Public Report.

Reports can also be viewed and downloaded free of charge from our website at www.nicnas.gov.au. Copies of these reports may also be requested, free of charge, by contacting the Administration Section of NICNAS by phone: (02) 8577 8816 or fax: (02) 8577 8888.

15 COMMERCIAL EVALUATION CATEGORY PERMIT

The permits listed in Table 1 were issued to import or manufacture the following chemicals for commercial evaluation under section 21G of the *Industrial Chemicals (Notification and Assessment) Act 1989*.

Table 1
Commercial Evaluation Category Permits

PERMIT NUMBER	COMPANY NAME	COMPANY POSTCODE	CHEMICAL OR TRADE NAME	HAZARDOUS SUBSTANCE	QUANTITY	USE	PERIOD APPROVED
512	Hilti Australia Pty Ltd and Pacific Resin Pty Ltd	2226	Beckopox VEH 2626 polymer	Yes	2000 kg	Component of epoxy resin system	2 years
513	ChemTrend Australia	3175	Polymer in Mono-Lube IL-8074	No	2000 kg	Mould release agent	2 years
514	IBM Australia	2125	RNH-104	No	2000 kg	Component of photocopier toner	2 years
515	IBM Australia	2125	TN-105	No	200 kg	Component of photocopier toner	2 years
516	Crompton Specialty Pty Ltd	3122	Silquest Wetlink 78	Yes	2000 kg	Component of water emulsion based gap sealant	2 years

16 EARLY INTRODUCTION PERMITS FOR NON-HAZARDOUS INDUSTRIAL CHEMICALS

The permits listed in Table 2 were issued to import or manufacture the following chemicals prior to the issue of their respective assessment certificates under section 30A of the Act.

Table 2

Early Introduction Permits

PERMIT NUMBER	COMPANY NAME	CHEMICAL OR TRADE NAME	USE
210	National Starch & Chemical Pty Ltd	Instant Lok 3412	Adhesive used in the manufacture of paper/plastic laminated pet food bags.
211	Borden Chemicals Aust Pty Ltd	Resin Component of Cascotan MPB 8300	Resin for manufacturing particle board
212	Clariant (Australia) Pty Ltd	CL 80B	Component of brake fluid

17 NOTICE OF CHEMICALS ELIGIBLE FOR LISTING ON THE AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES FIVE YEARS AFTER ISSUING OF ASSESSMENT CERTIFICATES

Notice is given in accordance with section 14(1) of the *Industrial Chemicals (Notification and Assessment) Act 1989*, that the following chemicals have been added to the Australian Inventory of Chemical Substances.

Table 3

Chemicals Eligible for Listing on the Australian Inventory of Chemical Substances

CHEMICAL NAME	CAS NUMBER	MOLECULAR FORMULA
1,4-Benzenedicarboxylic acid, polymer with 1,3-dihydro-1, 3-dioxo-5-isobenzofurancarboxylic acid and .alpha.,.alpha.'-(1-methylethylidene)di-4,1-phenylene]bis[.omega.-hydroxypoly[oxy(methyl-1,2-ethanediy)]]	86020-50-0	$(C_6H_4O_5.C_8H_6O_4.(C_3H_6O)_n(C_3H_6O)_n C_{15}H_{16}O_2)_x$
Silsesquioxanes, 3-[(2-aminoethyl) amino] propyl Me, methoxy-terminated	145775-27-5	<i>Unspecified</i>
Butanedioic acid, methylene-, polymer with ethenylbenzene and 2-ethylhexyl 2-propenoate	24980-17-4	$(C_{11}H_{20}O_2.C_8H_8.C_5H_6O_4)_x$
Propanol, [2-(1,1-dimethylethoxy) methylethoxy]-	132739-31-2	$C_{10}H_{22}O_3$
Hexanedioic acid, polymer with 2,2-dimethyl-1,3-propanediol, 1,6-hexanediol, 3-hydroxy-2-(hydroxymethyl)-2-methylpropanoic acid and 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethylcyclohexane, compd. with N,N-diethylethanamine	125826-46-2	$(C_{12}H_{18}N_2O_2.C_6H_{14}O_2.C_6H_{10}O_4.C_5H_{12}O_2.C_5H_{10}O_4)_x.C_6H_{15}N$
Amines, C14-18-alkyl, polymers with maleic anhydride and 1-octadecene	176158-81-9	<i>Unspecified</i>
1-Propanaminium, N,N,N-tripropyl-, salt with 2,2'-dithiobis[benzoic acid] (1:1)	142051-76-1	$C_{14}H_9O_4S_2.C_{12}H_{28}N$
Propanol, [2-(2-butoxymethylethoxy)methylethoxy]-	55934-93-5	$C_{13}H_{28}O_4$
4,11-Triphenodioxazinedisulfonic acid, 3-amino-10-[(3-aminopropyl)amino]-6,13-dichloro-, reaction products with 2-aminobenzenesulfonic acid and 2,4,6-trichloro-1,3,5-triazine, sodium salts	183130-92-9	<i>Unspecified</i>
Tetrasodium 5-[4-chloro-6-(N-ethylanilino)-1,3,5-triazin-2-ylamino]-3- (1,5-disulfonato-2-naphthylazo)-4-hydroxy- 2,7-naphthalenedisulfonate	130201-57-9	$C_{31}H_{24}ClN_7O_{13}S_4.4Na$
Cuprate(4-), [5-[(4-amino-6-chloro-1,3,5-triazin-2-yl)amino]-2-[[[2-(hydroxy-.kappa.O)-3,5-disulfophenyl]azo-.kappa.N2](2-sulfophenyl)methyl]azo-.kappa.N1]benzoato(6-)-.kappa.O]-, tetrasodium	116912-62-0	$C_{23}H_{12}ClCuN_9O_{12}S_3.4Na$
1,3,6-Naphthalenetrisulfonic acid, 7-[[2-[(aminocarbonyl)amino]-4-[4-chloro-6-[[2-(2-hydroxyethoxy)ethyl]amino]-1,3,5-triazin-2-yl]amino]phenyl]azo]-, trisodium salt	130201-53-5	$C_{24}H_{24}ClN_9O_{12}S_3.3Na$
Benzenesulfonic acid, 4-chloro-2-[[4,5-dihydro-3-methyl-5-oxo-1-(3-sulfophenyl)-1H-pyrazol-4-yl]azo]-5-methyl-, diammonium salt	154946-66-4	$C_{17}H_{15}ClN_4O_7S_2.2H_3N$
2-Propenamide, polymer with 2-propenylthiourea	125044-35-1	$(C_4H_8N_2S.C_3H_5NO)_x$
1-Dodecene, polymer with 1-decene, hydrogenated	151006-60-9	<i>Unspecified</i>
1-Dodecene, polymer with 1-octene, hydrogenated	163149-29-9	<i>Unspecified</i>
Hexanedioic acid, mixed esters with decanoic acid, heptanoic acid, octanoic acid and pentaerythritol	68130-55-2	$C_{10}H_{20}O_2.C_8H_{16}O_2.C_7H_{14}O_2.C_6H_{10}O_4.C_5H_{12}O_4$
Ethanesulfonic acid, 2,2'-(hydroxyimino)bis-, disodium	133986-51-3	$C_4H_{11}NO_7S_2.2Na$

salt		
2-Butenedioic acid (2E)-, bis(2-ethylhexyl) ester, polymer with 1-hexadecene and 1-tetradecene	173521-40-9	$(C_{20}H_{36}O_4 \cdot C_{16}H_{32} \cdot C_{14}H_{28})_x$
2,5-Furandione, polymer with ethene, N-phenyl-1,4-benzenediamine and 1-propene, graft	156084-65-0	$(C_{12}H_{12}N_2 \cdot C_4H_2O_3 \cdot C_3H_6 \cdot C_2H_4)_x$

18 NOTICE OF AMENDMENTS TO THE AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES

Notice is given in accordance with section 20 of the *Industrial Chemicals (Notification and Assessment) Act 1989* (the Act) that the following amendment have been made to the Australian Inventory of Chemical Substances (AICS).

The following chemicals have been added to AICS.

Table 4 Amendments to AICS

CHEMICAL NAME	CAS NUMBER	MOLECULAR FORMULA
Carbonic acid, methyl octahydro-1-pentalenyl ester	87731-19-9	C ₁₀ H ₁₆ O ₃
Carbonic acid, 4-cycloocten-1-yl methyl ester	87731-18-8	C ₁₀ H ₁₆ O ₃
2-Heptanol, 3,5,6,6-tetramethyl-4-methylene-	81787-06-6	C ₁₂ H ₂₄ O

**19 NOTICE OF PUBLICATION OF SECTION 48 REPORTS ON
POLYCHLORINATED NAPHTHALENES
CHLORINATED STYRENES
TETRACHLOROBENZYL TOLUENES AND
POLYCHLORINATED DIPHENYL ETHERS**

A notice under section 48 of the *Industrial Chemicals (Notification and Assessment Act, 1989)*, was published in the *Chemical Gazette* of 1 January 2002. The notice called for information on quantities imported and/or manufactured in Australia and uses of the following chemicals:

- Polychlorinated naphthalenes
- Chlorinated styrenes
- Tetrachlorobenzyltoluenes
- Polychlorinated diphenyl ethers

Reports based on the information provided have been published and are available from the NICNAS website at: <http://www.nicnas.gov.au/publications/car/pec/pecindex.htm#other>

Reports are also available (free) on request to:

NICNAS
GPO Box 58
Sydney NSW 2001
Australia

Free call: 1800 638 528

20 AUSTRALIAN HIGH VOLUME INDUSTRIAL CHEMICALS LIST STAGE II, IMPORTED CHEMICALS

In May 2001, as Stage I of the establishment of an Australian High Volume Industrial Chemicals (HVIC) List, NICNAS released information regarding chemicals manufactured in Australia in volumes ≥ 1000 tonnes per year. In December 2001, NICNAS released a call for information on industrial chemicals imported to Australia in large quantities (see notice in *Chemical Gazette* of 4 December 2001). This represents Stage II of the establishment of the Australian HVIC List.

Companies importing industrial chemicals in volumes ≥ 100 metric tonnes per year between 1999 and 2001 were required to submit information regarding chemical identity, the volumes imported and general uses of the chemicals.

Collation of information received on imported chemicals is nearing completion. There are a small number of chemicals for which information is still outstanding.

Of the 642 responses received,

- 594 industrial, reportable chemicals were imported at ≥ 100 tonnes per year with 214 imported at ≥ 1000 tonnes per year;
- 224 (35%) companies import industrial, reportable chemicals at ≥ 100 tonnes per year.

Chemicals for which the summed, total imported volume to Australia is ≥ 1000 tonnes per year are listed below.

The data for imported chemicals will be combined with data for manufactured chemicals (collected in Stage I) to produce an Australian HVIC List, which will include aggregate quantities reported in bands (eg. 1,000-9,999 tonnes) and additional information such as the industries in which the chemicals are used and use categories.

Should you require any further information, queries can be directed to Dr Graham Harvey by phone on (02) 8577 8851, fax: (02) 8577 8888 or email: graham.harvey@nicnas.gov.au.

List of chemicals imported to Australia in quantities \geq 1,000 tonnes

Chemical Name	CAS No
1,2 Benzenedicarboxylic acid, di-C9-11-branched alkyl esters, C10 rich	68515491
1,2,3-Propanetricarboxylic acid, 2-hydroxy-	77929
1,2,3-Propanetriol	56815
1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester	117817
1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9 rich	68515480
1,2-Benzenedicarboxylic acid, diisononyl ester	28553120
1,2-Ethanediol	107211
1,2-Propanediol	57556
1,3,5-Triazine-2,4,6-triamine	108781
1,3-Benzenedicarboxylic acid	121915
1,3-Isobenzofurandione	85449
1,3-Propanediol, 2,2-bis(hydroxymethyl)-	115775
1,3-Propanediol, 2-ethyl-2-(hydroxymethyl)-	77996
1,4-Benzenedicarboxylic acid	100210
1,4-Butanediol	110634
1-Butanol	71363
1-Decene, tetramer, mixed with 1-decene trimer, hydrogenated	68649127
1-Hexanol, 2-ethyl-	104767
1-Hexene	592416
1-Propanol	71238
2,5-Furandione	108316
2-Butanone	78933
2-Pentanol, 4-methyl-	108112
2-Pentanone, 4-hydroxy-4-methyl-	123422
2-Propanol	67630
2-Propanol, 1-methoxy-, acetate	108656
2-Propenamide	79061
2-Propenoic acid	79107
2-Propenoic acid, 2-ethylhexyl ester	103117
2-Propenoic acid, 2-methyl-, methyl ester	80626
2-Propenoic acid, butyl ester	141322
2-Propenoic acid, ethyl ester	140885
Acetic acid	64197
Acetic acid, butyl ester	123864
Acetic acid, ethenyl ester	108054
Acetic acid, ethyl ester	141786
Acetic acid, propyl ester	109604
Alcohols, C12-14	80206822
Alcohols, C12-C15	63393828
Aluminate (AlO ₂), calcium (2:1)	12042681
Aluminate(12-), hexaoxotris[sulfato(2-)]di-, calcium (1:6)	12004147
Aluminate, (AlO ₃), calcium (2:3)	12042783
Aluminatesilicate	1327362
Aluminium chloride (AlCl ₃)	7446700
Aluminium fluoride (AlF ₃)	7784181

Chemical Name	CAS No
Aluminium oxide (Al ₂ O ₃)	1344281
Ammonia	7664417
Ammonium chloride ((NH ₄)Cl)	12125029
Bentonite	1302789
Bentonite, acid leached	70131509
Bentonite, sodian	85049305
Benzene	71432
Benzene, (1-methylethyl)-	98828
Benzene, 1,1'-methylenebis[4-isocyanato-	101688
Benzene, 1,3-diisocyanato-2-methyl-	91087
Benzene, 2,4-diisocyanato-1-methyl-	584849
Benzene, dimethyl-	1330207
Benzene, ethenyl-	100425
Benzene, methyl-	108883
Benzene, mono-C10-14-alkyl derivatives	68442693
Benzenesulfonic acid, dodecyl-, sodium salt	25155300
Borax (Na ₂ (B ₄ O ₇).10H ₂ O)	1303964
Boric acid (H ₃ BO ₃)	10043353
Boric acid, sodium salt, pentahydrate	11130124
Calcium carbide (CaC ₂)	75207
Calcium chloride (CaCl ₂)	10043524
Calcium fluoride (CaF ₂)	7789755
Calcium oxide	1305788
Calcium oxide silicate (Ca ₃ O(SiO ₄))	12168853
Carbon	7440440
Carbon black	1333864
Carbon disulfide	75150
Carbonic acid, calcium salt (1:1)	471341
Carbonic acid, dipotassium salt	584087
Carbonic acid, disodium salt	497198
Carbonic acid, disodium salt, compound with hydrogen peroxide (H ₂ O ₂) (2:3)	15630894
Carbonic acid, manganese(2+) salt (1:1)	598629
Carbonodithioic acid, O-(1-methylethyl) ester, sodium salt	140932
Carbonodithioic acid, O-(2-methylpropyl) ester, sodium salt	25306756
Carbonodithioic acid, O-ethyl ester, sodium salt	140909
Cement, alumina, chemicals	65997162
Cement, portland, chemicals	65997151
Ceramic materials and wares, chemicals	66402684
Chloric acid, sodium salt	7775099
Chlorous acid, sodium salt	7758192
Chromium alloy, base, Cr, C, Fe, N, Si (ferrochromium)	11114468
Chromium hydroxide sulfate (Cr(OH)(SO ₄))	12336957
Chromium iron oxide (Cr ₂ FeO ₄)	12068778
Chromium(III) oxide (Cr ₂ O ₃)	1308389
Clarified oils, petroleum, catalytic cracked	64741624
Coke, petroleum	64741793

Chemical Name	CAS No
Coke, petroleum, calcined	64743051
Copper	7440508
Cristobalite (SiO ₂)	14464461
D-Glucitol	50704
Diatomaceous silica, calcined	61790532
Distillates, petroleum, hydrotreated heavy naphthenic	64742525
Distillates, petroleum, hydrotreated heavy paraffinic	64742547
Distillates, petroleum, hydrotreated light	64742478
Distillates, petroleum, hydrotreated light naphthenic	64742536
Distillates, petroleum, hydrotreated middle	64742467
Distillates, petroleum, solvent dewaxed heavy paraffinic	64742650
Distillates, petroleum, solvent refined heavy naphthenic	64741964
Distillates, petroleum, solvent refined heavy paraffinic	64741884
Disulfurous acid, disodium salt	7681574
Dithionous acid, disodium salt	7775146
Dolomite (CaMg(CO ₃) ₂)	16389881
Dye C.I. Pigment Black 15	1317380
Ethane, 1,1,1,2-tetrafluoro-	811972
Ethanol	64175
Ethanol, 2-(2-butoxyethoxy)-	112345
Ethanol, 2,2'-iminobis-	111422
Ethanol, 2,2'-oxybis-	111466
Ethanol, 2-amino-	141435
Ethanol, 2-butoxy-	111762
Ethene, chloro-	75014
Ethene, tetrachloro-	127184
Ethene, trichloro-	79016
Fatty acids, C5-C10, esters with pentaerythritol	68424317
Fatty acids, palm kernel oil, sodium salts	61789897
Fatty acids, tallow, sodium salts	8052480
Ferrosilicon	8049170
Fuel oil, heavy, high sulfur	92045142
Fuel oil, residual	68476335
Fuels, diesel	68334305
Gasoline, natural	8006619
Graphite	7782425
Heptane, 2,2,4,6,6-pentamethyl-	13475826
Hexanedioic acid	124049
Hexanedioic acid, bis(2-ethylhexyl) ester	103231
Hydrogen peroxide (H ₂ O ₂)	7722841
Hypochlorous acid, calcium salt	7778543
Imidazolium compounds, 4,5-dihydro-1-methyl-2-nortallow alkyl-1-(2-tallow amidoethyl), methyl sulfates	68122861
Iron hydroxide oxide (Fe(OH)O)	20344494
Iron oxide (Fe ₂ O ₃)	1309371
Iron oxide (Fe ₃ O ₄)	1317619
Isocyanic acid, polymethylenepolyphenylene ester	9016879

Chemical Name	CAS No
Kaolin	1332587
Kerosine, petroleum	8008206
Lubricating oils, petroleum, C20-50, hydrogenated neutral oil-based, high-viscosity	72623859
Magnesium	7439954
Magnesium oxide (MgO)	1309484
Magnetite (Fe ₃ O ₄)	1309382
Methane, chlorodifluoro-	75456
Methane, dichloro-	75092
Methanol	67561
Naphtha, petroleum, hydrotreated heavy	64742489
Naphtha, petroleum, hydrotreated light	64742490
Naphthalene, sec-hexadecyl-	94247639
Nitric acid, ammonium salt	6484522
Nitric acid, lead(2+) salt	10099748
Nitric acid, sodium salt	7631994
Nitrous acid, sodium salt	7632000
Oils, palm	8002753
Oxirane, methyl-	75569
Paraffin oils	8012951
Paraffin waxes and hydrocarbon waxes	8002742
Paraffins, petroleum, normal C5-20	64771728
Petroleum	8002059
Phenol, 4,4'-(1-methylethylidene)bis-	80057
Phenol, nonyl-	25154523
Phosphoric acid	7664382
Phosphoric acid, calcium salt (1:1), dihydrate	7789777
Phosphoric acid, monoammonium salt	7722761
Phosphorodithioic acid, O,O-bis(2-methylpropyl)ester, sodium salt	53378511
Phosphorus	7723140
Pitch, coal tar, high temperature	65996932
Poly(oxy-1,2-ethandiyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-	9016459
Poly(oxy-1,2-ethandiyl), .alpha.-sulfo-.omega.-hydroxy-, C10-16-alkyl ethers, sodium salts	68585342
Potassium chloride (KCl)	7447407
Potassium hydroxide	1310583
Propanoic acid, 2-methyl-, monoester with 2,2,4-trimethyl-1,3-pentanediol	25265774
Quartz (SiO ₂)	14808607
Rosin	8050097
Silica	7631869
Silica gel, precipitated, crystalline free	112926008
Silica, amorphous, fumed, crystalline free	112945525
Silicate(2-), hexafluoro-, disodium	16893859
Silicic acid (H ₂ SiO ₃), disodium salt	6834920
Silicic acid (H ₄ SiO ₄), calcium salt (1:2)	10034772
Silicic acid, sodium salt	1344098
Silicon	7440213
Silicon carbide (SiC)	409212

Chemical Name	CAS No
Slags, copper smelting	67711926
Sodium fluoride (NaF)	7681494
Sodium hydroxide (Na(OH))	1310732
Sodium sulfide, nonahydrate	1313844
Sodium sulfide (Na(SH))	16721805
Sodium sulfide (Na ₂ S)	1313822
Solvent naphtha, petroleum, heavy aromatic	64742945
Solvent naphtha, petroleum, light aromatic	64742956
Sulfur	7704349
Sulfuric acid	7664939
Sulfuric acid, barium salt (1:1)	7727437
Sulfuric acid, calcium salt (1:1)	7778189
Sulfuric acid, copper(2+) salt(1:1)	7758987
Sulfuric acid, copper(2+) salt(1:1), pentahydrate	7758998
Sulfuric acid, diammonium salt	7783202
Sulfuric acid, dipotassium salt	7778805
Sulfuric acid, disodium salt	7757826
Sulfuric acid, iron(2+) salt (1:1)	7720787
Sulfuric acid, iron(2+) salt (1:1), heptahydrate	7782630
Sulfuric acid, manganese(2+) salt (1:1)	7785877
Sulfuric acid, zinc salt (1:1)	7733020
Sulfuric acid, zinc salt (1:1), heptahydrate	7446200
Sulfurous acid, disodium salt	7757837
Talc (Mg ₃ H ₂ (SiO ₃) ₄)	14807966
Tallow	61789977
Titanium oxide (TiO ₂)	13463677
Triphosphoric acid, pentasodium salt	7758294
Urea	57136
White mineral oil, petroleum	8042475
Zeolites	1318021
Zirconium dichlorooxo-	7699436

21 CANDIDATE LIST OF CHEMICALS

The updated Candidate List of chemicals along with the Standby section of the List was published in the Chemical Gazette of 7 August 2001.

Chemicals contained in the standby section of the Candidate List were reviewed in June 2002 to determine whether the awaited data has become available. Where new information has come to hand this has been reviewed and the status of all the chemicals on the List redetermined.

Table 1 gives the Candidate List of chemicals following the review of the standby section. The Candidate List will be used by NICNAS as a basis for selecting chemicals from time to time for declaration and assessment as priority existing chemicals. Some chemicals from the Candidate List have been declared as Priority Existing Chemicals and hence no longer appear on the Candidate List.

Table 2 gives the chemicals remaining on the Standby section of the List following the review. This list will be reviewed periodically and chemicals transferred to the main section of the Candidate List or the Not Selected List depending on the outcomes of awaited assessments and/or testing.

Table 3 lists the chemicals moved from the main or standby sections of the Candidate List in the current review and the reasons for the change.

Table 1: Candidate List of Chemicals

Chemical	CAS No
Various Azo dyes	
Alkyl phenol ethoxylates including	
Nonyl phenol ethoxylate	9016-45-9
Nonyl phenol ethoxylate blend	63496-57-1
Octylphenoethoxylate	9036-19-5
1,3 butadiene	106-99-0
2-hydroxy 2',4,4'-trichlorodiphenyl ether	3380-34-5
Bismuth oxychloride	7787-59-9
t-butyl alcohol	75-65-0
Carbon disulphide	75-15-0
Chromium (VI) compounds	
Lead chromate	7758-97-6
Lead sulphochromate	1344-37-2
Zinc chromate	13530-65-9
N,N Dimethylformamide	68-12-2
Epichlorohydrin	106-89-8
Ethylene oxide	75-21-8
Hydroquinone	123-31-9
Isocyanates including:	

2,4 TDI	584-84-9
2,4'-MDI	5873-54-1
2,6-TDI	91-08-7
4,4'-MDI	101-68-8
Polymethylene polyphenylene isocyanate	9016-87-9
Isopropyl alcohol, isopropanol	67-63-0
Mercury compounds	
Methyl ethyl ketone peroxide	1338-23-4
Methyl ethyl ketone	78-93-3
Methyl methacrylate	80-62-6
Methyl tert butyl ether	1634-04-4
Methylene chloride	75-09-2
N-methyl pyrrolidone	872-50-4
Peracetic acid	79-21-0
Phenolphthalein	77-09-8
Sodium hydroxide	1310-73-2
Sodium hypochlorite	7681-52-9
Styrene	100-42-5
1,1,1,2-tetrafluoroethane	811-97-2
Tetrafluoroethylene	116-14-3
Toluene	108-88-3
Triethanolamine	102-71-6
Triethyl tetramine	112-24-3
Xylene – mixed	1330-20-7
o-xylene	95-47-6
p-xylene	106-42-3
m-xylene	108-38-3

Table 2: Standby Section of Candidate List

Chemical	CAS No
Mobil jet oil:	
1-Naphthalenamine	134-32-7
1-Naphthalenamine, N-phenyl	90-30-2
2-Naphthalenamine	91-59-8
2-Naphthalenamine, N-phenyl	135-88-6
Tricresol phosphate	1330-78-5
Naphthalene	91-20-3
Nickel	7440-02-0
Nickel oxide	1313-99-1
Nickel sulfate	7786-81-4
Phthalates including:	
diethylhexyl phthalate (DEHP)	117-81-7
Diethylphthalate (DEP)	84-66-2
Dibutylphthalate	84-74-2
di isodecyl phthalate (DIDP)	26761-40-0
di isononyl phthalate (DINP)	28553-12-0
butylbenzyl phthalate (BBP)	85-68-7
dimethyl phthalate (DMP)	131-11-3
dicyclohexyl phthalate	84-61-7
di-n-hexyl phthalate	84-75-3
di-n-pentyl phthalate	131-18-0
di-n-propyl phthalate	131-16-8
di(2-ethylhexyl) adipate	103-23-1

Table 3: Chemicals Moved from Main or Standby Sections of the Candidate List of 7 August 2001

Chemical	CAS No	Moved from	Reason
Alkyl-phenol ethoxylates including:			
Nonyl-phenol ethoxylate	9016-45-9	Standby Section	Moved to main section.
Nonyl-phenol ethoxylate blend	63496-57-1	Standby Section	Moved to to main section.
Octylphenoethoxylate	9036-19-15	Standby Section	Moved to main section.
Carbon disulphide	75-15-0	Standby Section	Moved to main section.
Chlorinated styrenes including octachlorostyrene	29082-74-4	Main section	Assessment undertaken on uses & quantities in Aust., no further work to be done.
Formaldehyde	50-00-0	Main section	Declared a PEC.
Methyl methacrylate	80-62-6	Standby Section	Moved to main section.
N-methyl pyrrolidone	872-50-4	Standby Section	Moved to main section.
Naphthalene polychlorinated	70776-03-3	Main section	Assessment undertaken on uses & quantities in Aust., no further work to be done.
Polychlorinated biphenyl ethers		Main section	Assessment undertaken on uses & quantities in Aust., no further work to be done.
Sodium cyanide	143-33-9	Main section	Declared a PEC.
1,1,2,2,-tetrabromoethane	79-27-6	Standby Section	Moved to Not Selected List.
1,1,2,2,-tetrachloroethane	79-34-5	Standby Section	Moved to Not Selected List.
Tetrachlorobenzyltoluenes including:			
Dichloro [(dichlorophenyl) methyl] methyl benzene (Ugilec 141)	76253-60-6	Main section	Assessment undertaken on uses & quantities in Aust., no further work to be done.

Chemical	CAS No	Moved from	Reason
(chlorophenyl)(chlorotolyl) methane, mixed isomers (Ugilec 121)	No CAS Number	Main section	Assessment undertaken on uses & quantities in Aust., no further work to be done.
Triethyl tetramine	112-24-3	Standby Section	Moved to main section.

22 NICNAS EXISTING CHEMICALS PROGRAM

CONSULTATION ON PROPOSED PRIORITY EXISTING CHEMICALS

The NICNAS Candidate List of chemicals for possible assessment has been updated and is published in a separate notice in this edition of the *Chemical Gazette*. Chemicals from this Candidate List are selected from time to time, for assessment as Priority Existing Chemicals (PEC).

NICNAS is considering the assessment of chemicals listed below and is seeking comments from any person or organisation on the proposed assessments. Data on health and environmental effects or exposure are not being requested at this time, only comments on the proposal to conduct assessments of these chemicals are being sought. Comments are also sought on the proposal to assess all the chromium compounds listed below. It is proposed that a full risk assessment – health, environment and public health- would be undertaken.

Methylene chloride (CAS No 75-09-2)

Methylene chloride is imported in high volumes, approximately 5000 tonnes, into Australia. It is used in a wide variety of applications such as degreasing agents, strippers, in paints and adhesives as a thinner and in industrial oils. It is also used in urethane foam manufacturing and as a solvent for bitumen resins. Health concerns have been raised for methylene chloride, particularly its use in confined spaces.

Chromium VI compounds

Chromium VI compounds including:

Ammonium chromate	CAS No 7788-98-9
Ammonium dichromate	CAS No 7789-09-5
Potassium chromate	CAS No 7789-00-6
Potassium dichromate	CAS No 7778-50-9
Sodium chromate	CAS No 7775-11-3
Sodium dichromate	CAS No 10588-01-9
Chromium trioxide	CAS No 1333-82-0
Calcium chromate	CAS No 13765-19-0
Lead chromate	CAS No 7758-97-6
Strontium chromate	CAS No 7789-06-2
Zinc chromate	CAS No 13530-65-9

A total of approximately 1200 tonnes of various chromium VI compounds are imported into Australia. Chromium VI compounds are used in electroplating, printing, galvanizing, in timber preservation and in paints. New data on the carcinogenic effects of chromium VI compounds in humans have become available.

Contact for comments

Written comments on the above proposals are required by Monday 2 August 2002 and should be addressed to:

Sneha Satya
Team Leader,
Existing Chemicals
NICNAS
GPO Box 58
Sydney 2001

Companies or others wishing to discuss the proposal should call Sneha Satya on (02) 8577 8880.

**23 NICNAS COMPANY REGISTRATION RENEWAL FOR 2002/2003
BE COMPLIANT AND RENEW ON TIME**

NICNAS reminds all companies registered under the company registration program that it is time to renew your registration for 2002/2003.

Renewal reminders and forms will be sent to registrants the first week of July. **The legal deadline for renewal is 1 August 2002.**

If you have not received your renewal form by mid July, please contact NICNAS for one, or alternatively, download one from our website at:

<http://www.nicnas.gov.au/forms/index.htm#registration>

If you have any queries or require assistance for your renewal, please contact company registration staff on 02 8577 8811.

24 COMMENT ON DRAFT NATIONAL LIST OF EXEMPTIONS TO THE PROHIBITION ON THE WORKPLACE USE OF CHRYSOTILE ASBESTOS

The National Occupational Health and Safety Commission (NOHSC) invites public comment on the proposed exemptions to the prohibition on the workplace use of chrysotile asbestos.

In 2001, NOHSC declared, and the Workplace Relations Ministers' Council endorsed, a prohibition on the workplace use of chrysotile asbestos in Australia. The prohibition will take effect simultaneously under regulations in each Australian occupational health and safety jurisdiction by no later than 31 December 2003.

All uses of chrysotile asbestos, including the replacement of chrysotile products when replacement is necessary, are prohibited except for (a) bona fide research or analysis, including museum display and historical collections and testing for asbestos fibres (b) for removal or disposal, (c) where it is encountered during non-asbestos mining, (d) where there is another specified exception, or (e) for chrysotile products *in situ*, including its disposal and replacement with non-chrysotile components, when the prohibition takes effect.

A limited range of exemptions may be considered, for example, where alternative products do not exist or where their use would create greater risks than the corresponding chrysotile product. A national list has been drafted, which has identified four situations where exemptions may apply and, in relation to each, identifies the length of time that they are available and the basis on which they have been established. The United Kingdom's (UK) exemptions are the basis for the Australian exemptions with modifications mainly to remove UK exemptions of products for which there are no known uses in Australia. Only items on the National List of Exemptions will be exempted, and where items on the list are subject to border controls, they will be included in Customs regulations.

A Public Discussion paper providing a description of the process used to develop the National List of Exemptions is available free of charge by downloading from the NOHSC Website at: <http://www.nohsc.gov.au/NewsAndWhatsNew/MediaReleases/mr-280602.htm>

Alternatively, if you wish to have a downloaded copy sent to you, place your request by:

- telephone to Freecall 1800 666 843 – follow the prompts when the call is answered; or
- fax (02) 6279 1150 – mark your fax 'National List of Exemptions for Chrysotile Asbestos' and include your name and postal address; or
- email to joanne.cuthbert@nohsc.gov.au – title your email 'National List of Exemptions for Chrysotile Asbestos' and include your name and postal address.

NOHSC will review the National List of Exemptions in light of public comment received and make a final recommendation at its October 2002 meeting. Following agreement by NOHSC, and subject to endorsement by Workplace Relations Ministers' Council, the presence of chrysotile products on the finalised National List of Exemptions will be the mechanism through which Commonwealth, State and Territory Governments will allow the workplace use of these products in their jurisdiction, and, where relevant, to permit their importation and exportation under Customs regulations.

Public comment closes on 13 September 2002.

25 PROPOSED ADDITION OF ACTINOLITE, ANTHOPHYLLITE, AND TREMOLITE ASBESTOS TO SCHEDULE 2, "SUBSTANCES PROHIBITED FOR SPECIFIED USES", OF THE NATIONAL MODEL REGULATIONS FOR THE CONTROL OF WORKPLACE HAZARDOUS SUBSTANCES

Pursuant to sub-section 38(4) of the *National Occupational Health and Safety Commission Act 1985* (Commonwealth), the National Occupational Health and Safety Commission (NOHSC) hereby gives notice that it is proposing to include actinolite, anthophyllite and tremolite forms of asbestos on Schedule 2, "Substances Prohibited for Specified Uses", of the National Model Regulations for the Control of Workplace Hazardous Substances. The proposed entry in Schedule 2 is:

Actinolite, anthophyllite and tremolite forms of asbestos – all uses except for
– removal and disposal purposes; and
– situations where actinolite, anthophyllite and tremolite occur naturally; and
– are not used for any new application.

In accordance with the requirements of section 38(4) of the *National Occupational Health and Safety Commission Act 1985* (Commonwealth), NOHSC is inviting public comment on the proposed inclusion of actinolite, anthophyllite and tremolite forms of asbestos on Schedule 2, "Substances Prohibited for Specified Uses", of the *National Model Regulations for the Control of Workplace Hazardous Substances* in order to canvass the widest possible range of views in the community. When NOHSC has considered public comment, it will decide on the inclusion of actinolite, anthophyllite and tremolite forms of asbestos on Schedule 2.

An information package describing the basis of this proposal and a Regulatory Impact Statement (RIS) is available free of charge by downloading from the NOHSC Website at: www.nohsc.gov.au/NewsAndWhatsNew/MediaReleases/mr-280602A.htm

Alternatively, if you wish to have a downloaded copy sent to you, place your request by:

- telephone to Freecall 1800 666 843 – follow the prompts when the call is answered; or
- fax (02) 6279 1150 – mark your fax 'Proposed Additions to Schedule 2' and include your name and postal address; or
- email to joanne.cuthbert@nohsc.gov.au – title your email 'Proposed Additions to Schedule 2' and include your name and postal address.

Public comment closes on 30 August 2002.