

16 ACCESS TO FULL PUBLIC REPORT

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.

17 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
497	Rhodia PPMC Pty Ltd	3128	Tetrakis (hydroxymethyl) phosphonium chloride, urea and distilled tetradecylamine, UVCB condensation product	Yes	2000 kg	Flame retardant	2 years
498	Bayer Hodgsons Pty Ltd	2127	Desmodur DN and Desmodur DA-L	Yes	1000 kg	Crosslinker for Adhesive	2 years
499	Lanier (Australia) Pty Ltd	3207	RTP-007	No	1800 kg	Ingredient in photocopier toner	2 years

18 LOW VOLUME CATEGORY PERMITS

The permits listed in Table 2 were issued to import or manufacture the following chemicals under section 21U of the *Industrial Chemicals (Notification and Assessment) Act 1989*. Low Volume Category Permits are approved for 36 months.

Table 2
Low Volume Category Permits

PERMIT NUMBER	COMPANY NAME	COMPANY POSTCODE	CHEMICAL OR TRADE NAME	HAZARDOUS SUBSTANCE	USE	DATE
414	L'Oreal Australia Pty Ltd	3191	2-oleamido-1,3-octadecanediol	No	Formulation of skin and hair care products	7/01/2002
415	Johnson & Johnson Pacific Pty Ltd	2019	Copper, [glycyl-N-L-histidyl-N,N3-L-lysinato(2-)]-, monoacetate	No	Cosmetic ingredient	11/01/2002
416	Estee Lauder Pty Ltd	2018	Hexane, 1,6-diisocyanato, polymer with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol, and 2-oxepanone	No	Anti-caking agent of cosmetic skin care product	18/01/2002

N.D.: not determined; insufficient data available to effect a health effects classification under Approved Criteria [NOHSC:1008(1999)]

19 EARLY INTRODUCTION PERMITS FOR NON-HAZARDOUS INDUSTRIAL CHEMICALS

The permits listed in Table 3 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 3

Early Introduction Permits

PERMIT NUMBER	COMPANY NAME	CHEMICAL OR TRADE NAME	USE
192	DIC International Australia Pty Ltd	Aroplaz 6421-X-75	Component of industrial paint
193	BASF Watty Coatings Pty Ltd	Polymer in ZK56-3452 & ZQ7-56042	Paint component
195	Sika Australia Pty Ltd	Pronal 7535	Superplasticiser for concrete and mortar

20 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 4

Chemicals Eligible for Listing on the Australian Inventory of Chemical Substances

Amines, polyethylenepoly-, polymers with formaldehyde, glycolic acid, nonylphenol and succinic anhydride monopolyisobutylene derivs.	376364-34-0	Unspecified
1,3-Benzenedicarboxylic acid, polymer with 1,4-benzenedicarboxylic acid, 1,3-butanediol and 2,2'-oxybis[ethanol]	374929-01-8	$C_8H_6O_4 \cdot C_8H_6O_4 \cdot C_4H_{10}O_2 \cdot C_4H_{10}O_3$
1,3-Propanediol, 2-ethyl-2-(hydroxymethyl)-, polymer with 2-butoxyethanol, 2-(hexyloxy)ethanol and 1,1'-methylenebis[isocyanatobenzene]	374929-02-9	$C_6H_{14}O_3 \cdot C_6H_{14}O_2 \cdot C_8H_{18}O_2 \cdot C_{15}H_{10}N_2O_2$
Fatty acids, C18-unsatd., dimers, polymers with bisphenol A, lactic acid, polypropylene glycol diamine and polypropylene glycol diglycidyl ether	376364-37-3	Unspecified
1,3-Benzenedicarboxylic acid, polymer with 1,4-benzenedicarboxylic acid, 1,3-dihydro-1,3-dioxo-5-isobenzofurancarboxylic acid, 1,2-ethanediol and .alpha.,.alpha.'-[(1-methylethylidene)di-4,1-phenylene]bis[.omega.-hydroxypoly(oxy-1,2-ethanediyl)]	138720-81-7	$(C_{15}H_{16}O_2 \cdot C_2H_4O)_x (C_{10}H_8O_4)_n (C_8H_6O_4) \cdot (C_9H_4O_5)$
2-Propenoic acid, polymer with 2,5-furandione and propenamide, sodium salt	91778-22-2	$(C_3H_3O_2)_p (C_4H_2O_4)_r (C_3H_5O)_s (Na)_y \quad y=p+r+s$
Siloxanes and Silicones, di-Me, 3-aminopropyl group-terminated, polymers with bisphenol A and nonanedioyl dichloride	197462-48-9	Unspecified
2-Butendioic acid (2Z), monobutyl ester, polymer with butyl 2-2-methyl-2-propenoate, butyl 2-propenoate, 1,4-diethenylbenzene and ethenylbenzene, benzoyl peroxide- and tert-Bu peroxide-initiated	376632-57-4	Unspecified
Lecithins, soya, borates	376364-41-9	Unspecified
Siloxanes and Silicones, di-Me, Me hydrogen, reaction products with 10-undecenoic acid	375843-95-1	$CH_3-(Si(CH_3)_2-O)_m (Si[(CH_2)_{10}COOH](CH_3)-O)_n-Si(CH_3)_3$
Siloxanes and Silicones, di-Me, Me hydrogen, reaction products with 10-undecenoic acid, sodium salts	375843-96-2	$CH_3-(Si(CH_3)_2-O)_m (Si[(CH_2)_{10}COONa](CH_3)-O)_n-Si(CH_3)_3$
2-Propenoic acid, 2-methyl-, butyl ester, polymer with 1,4-butanediyl, di-2-propenoate, N-(1,1-dimethyl-3-oxobutyl)-2-propenamide, methyl 2-methyl-2-propenoate and 2-propenoic acid	374714-16-6	$(C_8H_{14}O_2 \cdot C_5H_8O_2 \cdot C_3H_4O_2 \cdot C_{10}H_{14}O_4 \cdot C_9H_{15}NO_2)_x$
Fatty acids, soya, polymers with acrylic acid, epichlorohydrin, formaldehyde and phenol	375843-93-9	Unspecified
1,4-Butanediol, polymer with 2,2'-[1,2-ethanediylbis(omega)]bis[ethanol] and 1,1'	374928-99-1	$(C_{15}H_{10}N_2O_2 \cdot C_6H_{14}O_4 \cdot C_4H_{10}O_2)_x$

21 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).

1. The following chemical has been added to AICS.

Table 5 Amendment to AICS

CHEMICAL NAME	CAS NUMBER	MOLECULAR FORMULA
2-Propenoic acid, 2-methyl-, reaction products with epichlorohydrin and formaldehyde-phenol polymer	68610-47-9	$(C_6H_6O.C_4H_6O_2.C_3H_5ClO.CH_2O)_x$

22 INTERNATIONAL CHEMICAL ASSESSMENT MEETINGS

NICNAS recently participated in two international chemical assessment meetings, the IPCS 9th CICAD Final Review Board meeting and OECD 13th SIDS meeting. Participation in these meetings enables access to hazard assessment reports conducted by other countries. These reports are used as a basis for national priority existing chemical (PEC) reports resulting in shorter assessment time without the need to review original toxicity studies.

IPCS Ninth Final Review Board Meeting on Concise International Chemical Assessment Documents (CICADS)

The 9th FRB meeting on CICADs was hosted by Health Canada in Ottawa, on 29 October to 1 November 2001.

The following CICADs were approved by the Final Review Board as international assessments:

- Acrolein
- Bromoethane
- Carbon disulphide
- Silver (Environmental aspects)

The following CICADs were approved by the Final Review Board as international assessments, pending further work:

- 4-Chloroaniline
- Polychlorinated biphenyls (Human health aspects)
- Diethyl phthalate
- Ethylene glycol (Human health aspects)

OECD 13th SIDS Initial Assessment Meeting

The thirteenth SIDS Initial Assessment Meeting (SIAM 13) was hosted by the Swiss Agency for the Environment, Forests and Landscape at Bern, Switzerland from 6 to 9 November 2001. Approximately 100 representatives from Member countries, the European Commission and industry attended.

Of the 38 chemicals discussed at the meeting, all but five of them had SIDS Initial Assessment Profiles (SIAPs) agreed at the meeting. The chemicals discussed and their status at the conclusion of the meeting are listed in the table.

If you would like more information on either of the meetings, please contact Ms Deborah Willcocks by phone on (02) 85778890 or by email deborah.willcocks@nicnas.gov.au

More information on the OECD SIDS program can be obtained from the OECD website at: <http://www.oecd.org/ehs/hpv.html>, and on the IPCS CICAD program at http://www.who.int/pcs/ra_site/cicads.htm

Outcome of SIAM 13 - Final Status of SIAPs

CAS Number	Chemical	Sponsor	Recommendation	Comments
75-56-9	Oxirane, methyl-	UK:eu	Candidate for further work	SIAP agreed
79-10-7	Acrylic acid	DE:eu	Candidate for further work	SIAP agreed
79-20-9	Methylacetate	DE:eu	Currently of low priority for further work	SIAP agreed
103-84-4	Acetanilide	KO	Currently of low priority for further work	SIAP agreed
127-19-5	Dimethylacetamide	IT	Currently of low priority for further work	SIAP agreed
5392-40-5	Citral	JP	Currently of low priority for further work	SIAP agreed
6386-38-5	Metilox	CH	Currently of low priority for further work	SIAP agreed
58-55-9	Theophylline	DE/ICCA	Currently of low priority for further work	SIAP agreed
68-12-2	N,N'-Dimethyl formamide	DE/ICCA	Candidate for further work	SIAP agreed
74-83-9	Methyl bromide	US/ICCA	<i>Provisional recommendation:</i> Currently of low priority for further work	SIAP to be modified . Future discussion on EDG
75-01-4	Ethene, chloro-	US/ICCA	Currently of low priority for further work	SIAP agreed.
75-38-7	Vinylidene fluoride	US/ICCA	Currently of low priority for further work	SIAP agreed
79-34-5	Ethane, 1,1,2,2-tetrachloro-	FR/ICCA	Environmental section is currently of low priority for further work. Human health section recommendation to be finalised at a future SIAM	Environmental section agreed. Human Health section to be redrafted and to come back to a future SIAM
88-73-3	ortho-Chloronitrobenzene	DE/ICCA	Candidate for further work	SIAP agreed
88-74-4	Aniline, o-nitro-	FR/ICCA	Currently of low	SIAP agreed

			priority for further work	
91-76-9	S-Triazine, 2,4-diamino-6-phenyl-	JP/ICCA	Currently of low priority for further work	SIAP agreed
107-15-3	Ethylenediamine	US/ICCA	<i>Provisional recommendation:</i> Currently of low priority for further work	SIAP to be modified. Future discussion on EDG
107-41-5	2-Methyl-2,4-pentanediol	UK/ICCA	Currently of low priority for further work	SIAP agreed
108-77-0	Cyanuric chloride	CH/ICCA	Currently of low priority for further work	SIAP agreed
112-57-2	Tetraethylenepentamide	US/ICCA	<i>Provisional recommendation:</i> Currently of low priority for further work	SIAP to be modified. Future discussion on EDG
112-85-6	Docosanoic acid	JP/ICCA	Currently of low priority for further work	SIAP agreed
123-54-6	Pentan-2,4-dione	DE/ICCA	Candidate for further work	SIAP agreed
616-38-6	Carbonic acid dimethylester	IT/ICCA	<i>Provisional recommendation:</i> Currently of low priority for further work	SIAP to be modified. Future discussion on EDG. (SIAP will not be finalised until the results of the reprotoxicity study are known, probably in 2002).
868-77-9	2-Hydroxyethyl methacrylate	JP/ICCA	Currently of low priority for further work	SIAP agreed
1310-58-3	Potassium hydroxide	BE/ICCA	Currently of low priority for further work	SIAP agreed
1477-55-0	1,3-Bis(aminomethyl)benzene	JP/ICCA	Currently of low priority for further work	SIAP agreed
6864-37-5	2,2'-Dimethyl-4,4'-methylenebis(cyclohexylamine)	DE/ICCA	Currently of low priority for further work	SIAP agreed

7447-40-7	Potassium chloride	NO/ICCA	Currently of low priority for further work	SIAP agreed
7681-57-4	Disodium disulphite	KO/ICCA	Currently of low priority for further work	SIAP agreed
16470-24-9	Fluorescent Brightener 220	DE/ICCA	Candidate for further work	SIAP agreed
65-85-0	Benzoic acid	NL/ICCA	Currently of low priority for further work	SIAP agreed Category chemical with 100-51-6 532-32-1 582-25-2
100-51-6	Benzyl alcohol	NL/ICCA	Currently of low priority for further work	SIAP agreed Category chemical with 65-85-0 532-32-1 582-25-2
532-32-1	Sodium benzoate	NL/ICCA	Currently of low priority for further work	SIAP agreed Category chemical with 65-85-0 100-51-6 582-25-2
582-25-2	Potassium benzoate	NL/ICCA	Currently of low priority for further work	SIAP agreed Category chemical with 65-85-0 100-51-6 532-32-1
95-50-1	o-Dichlorobenzene	AUS	Candidate for further work	SIAP agreed
109-66-0	n-Pentane	NO:eu	Currently of low priority for further work	SIAP agreed
71-36-3	n-Butanol	US/ICCA	Currently of low priority for further work	SIAP agreed
123-86-4	Butyl acetate	US/ICCA	Currently of low priority for further work	SIAP agreed

23 DRAFT PRIORITY EXISTING CHEMICAL REPORT FOR LIMONENE

In accordance with section 60E(1) of the *Industrial Chemicals (Notification and Assessment) Act* 1989 (the Act), as amended, notice is hereby given by the Director that the draft Priority Existing Chemical (PEC) assessment report for limonene and its isomers is available for public comment.

Under section 60D of the Act, the draft PEC report was given to applicants for 28 days to enable correction of any errors. The revised draft report has now been given to each applicant and persons who provided information (under section 58 of the Act) for the purpose of providing any requests to vary the content of the report.

The report presents a summary and evaluation of information relevant to a full assessment of limonene, covering use, exposure, toxicity, effects on human health and the environment. Recommendations are made for the safe use of limonene.

The draft PEC report is now available for public comment. This report (approximately 120 pages) must be referred to for the purpose of making comment.

The overview of the report is available on the Internet at <http://www.nicnas.gov.au/news>. Hard or read-only electronic copies of the draft report may be obtained directly from:

**Existing Chemicals
NICNAS
GPO Box 58
Sydney NSW 2001
Australia**

or may be requested by fax: **(02) 8577 8888** or email: **jun.zhang@nicnas.gov.au**. Requests should clearly state which form (hard or electronic copy) is required.

Any requests for variation must be made with respect to the draft report and accompanied by a completed application form (NICNAS Form 4a) and should be received at NICNAS **by 5 March 2002**.

24 DRAFT PRIORITY EXISTING CHEMICAL REPORT FOR ACRYLAMIDE

In accordance with section 60E(1) of the *Industrial Chemicals (Notification and Assessment) Act* 1989 (the Act), as amended, notice is hereby given by the Director that the draft Priority Existing Chemical (PEC) assessment report for acrylamide, CAS No. 79-06-1, is available for public comment.

Under section 60D of the Act, the draft PEC report was given to applicants for 28 days to enable correction of any errors. The revised draft report has now been given to each applicant and persons who provided information (under section 58 of the Act) for the purpose of providing any requests to vary the content of the report.

The report presents a summary and evaluation of information relevant to a full assessment of acrylamide, covering use, exposure, toxicity, effects on human health and the environment. Recommendations are made for the safe use of acrylamide.

The draft PEC report is now available for public comment. This report (approximately 180 pages) must be referred to for the purpose of making comment.

The overview of the report is available on the Internet at <http://www.nicnas.gov.au/news>.

Hard or read-only electronic copies of the draft report may be obtained directly from:

**Existing Chemicals
NICNAS
GPO Box 58
Sydney NSW 2001
Australia**

or may be requested by fax: **(02) 8577 8888** or email: **stephen.zaluzny@nicnas.gov.au**. Requests should clearly state which form (hard or electronic copy) is required.

Any requests for variation must be made with respect to the draft report and accompanied by a completed application form (NICNAS Form 4a) and should be received at NICNAS **by 5 March 2002**.

25 SECONDARY NOTIFICATION OF POLYMER IN REACTINT RED X64

In accordance with section 65(2) of the *Industrial Chemicals (Notification and Assessment) Act*, 1989 (the Act), as amended, notice is given that the Director requires the secondary notification of the existing chemical **Polymer in Reactint Red X64**. There is no Chemical Abstracts Service (CAS) Registry number assigned for this chemical.

Additional Studies Available for Polymer in Reactint Red X64

Polymer in Reactint Red X64 was assessed as a new industrial chemical (NA/405) and a report published in June 1996. Since the publication of the report additional information has been made available by Asia Pacific Specialty Chemicals Limited (APS) to the Director. The information includes the following:

- Colourant composition patent
- Twenty eight day repeated dose oral (gavage) toxicity study
- Biodegradability study
- Micronucleus test
- Chromosomal aberration test
- Dermal sensitization study

Reasons for Secondary Notification

The Director has decided that a secondary notification for Polymer in Reactint Red X64 is required because of the new studies now available.

Requirement to apply for secondary notification

In accordance with section 65(3) of the Act, an application for secondary notification must be made by all persons who introduce Polymer in Reactint Red X64 into Australia either by import or manufacture. There is a penalty for failure to comply with the requirement for secondary notification. The penalty for non-compliance may include prohibition from further importation or manufacture.

Application for secondary notification and information required

Secondary notification must be made to the Director by means of an application for secondary notification assessment for an existing chemical, accompanied by any relevant information relevant to an assessment of Polymer in Reactint Red X64 which was not originally covered in the 1996 assessment report.

In addition APS must provide the following:

- colour extraction tests (as mentioned in original data package);
- any information on the leaching of the polymer from end use products; and
- any information on assessments/reviews conducted by overseas regulatory authorities.

The secondary notification application form can be found on the NICNAS website at: <http://www.nicnas.gov.au/forms/files/Form1a-SN-PEC.doc>.

An application that some or all of this information should be exempt from publication may be made by applying under section 75 of the Act, and using the approved form:

<http://www.nicnas.gov.au/forms/pdf/hvic-form3.pdf>

Applications must be received no later than **5 March 2002**.

Additional persons with relevant information

In addition to the requirement to apply for secondary notification, any persons with information relevant to the assessment of Polymer in Reactant Red X64 and not originally covered in the 1996 assessment report are encouraged to submit the information for consideration. A copy of the assessment report (NA/405) can be found on the NICNAS website:

<http://www.nicnas.gov.au/publications/CAR/new/NA/NASUMMR/NA0400SR/NA405.htm>

Applicants are requested to contact Ms Deborah Willcocks by telephone (02) 8577 8890, fax: (02) 8577 8888 or e-mail: deborah.willcocks@nicnas.gov.au as soon as possible.

26 CALL FOR INFORMATION FOR NICNAS PEC EXPOSURE STANDARD REVIEW

The National Occupational Health and Safety Commission (NOHSC) is considering recommendations to review specific exposure standards. The recommendations are contained in Priority Existing Chemical (PEC) reports prepared by the National Industrial Chemicals Notification and Assessment Scheme (NICNAS).

Exposure standards are guides to the safe use of chemicals in the workplace. The proposed standards give details on the acceptable concentration of substances in the worker's breathing zone, to limit the risk of adverse health effects. Information on the National Exposure Standards database can be found at:

<http://www.nohsc.gov.au/OHSInformation/Databases/ExposureStandards/expsearch.asp>

NOHSC is providing an opportunity for interested parties to supplement the information contained in the PEC reports. Information in the reports and any material provided in response to this request will be used to assist NOHSC in deciding if a review of the exposure standard is required and, if so, the priority of that review and the appropriate review methodology. NOHSC's arrangements for initiating and conducting reviews are set out in *Process to Review and Update the National Exposure Standards*, which can be found at:

<http://www.nohsc.gov.au/PDF/Standards/NESReviewProcess.pdf>

The chemicals for which information is sought are listed below:

2-Butoxyethanol	1,4-Dioxane
Carbon disulphide (from Sodium Ethyl Xanthate PEC)	HCFC 123
Chrysotile asbestos	Persulphates (Ammonium, Potassium, & Sodium)
Chrysotile alternatives	Savinase
Ortho-dichlorobenzene	Trichloroethylene

NOHSC is seeking information relevant to the consideration of the exposure standard recommendations about the above substances contained in the PEC reports. To assist interested parties, a list of questions that may be used to guide preparation of additional information can be found at:

<http://www.nohsc.gov.au/OHSLegalObligations/HazSubstancesAndDngGoods/esrInfo.doc>

PEC REPORTS

PEC reports can be found at: www.nicnas.gov.au/publications/car/pec/pecindex.htm

Alternatively, if you wish to have this information and/or a downloaded copy of a summary PEC report sent to you (not available for HCFC 123 secondary notification, Sodium ethyl xanthate secondary notification or Persulphates), place your request by:

- Telephone to Freecall 1800 666 843 – follow the prompts when the call is answered; or
- Fax to (02) 6279 1150 – mark your fax 'Call for information for NICNAS PEC Exposure Standard Reviews, Attention: Chemicals Framework Team' and include your name and postal address; or

- Email to esrequest@nohsc.gov.au – title your email ‘Call for information for NICNAS PEC Exposure Standard Review’ and include your name and postal address.

The call for information closes on 2 April 2002

27 AMENDMENTS TO NEW CHEMICAL REPORTS**NA/876 Polymer in Morfree 403A**

The Director of Chemicals Notification and Assessment approves modifications of the polymer name, molecular formula, structure formula and polymer ingredient tables for Polymer in Morfree 403A (NICNAS Reference No. NA/876, Certificate No. 001179), based on the requests from the notifier, Rohm and Haas Australia Pty Ltd.

NA/944 Sucralose

Paragraph 1 (Page 20) of the January Chemical Gazette should read, 175 kg per year of the notified chemical will be imported per annum for each of the first five years.