



Australian Government

Gazette

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Notification and Assessment Scheme - NICNAS

CHEMICAL

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Australian Government

Department of Health and Ageing
NICNAS

The *Industrial Chemicals (Notification and Assessment) Act 1989* (the Act) commenced on 17 July 1990. As required by Section 5 of the Act, a Chemical Gazette is published on the first Tuesday in any month or on any days prescribed by the regulations.

CONTENTS

SPECIAL NOTICES

1	INCREASE IN NICNAS NEW CHEMICAL FEES AND CHARGES	5
2	REVOCATION OF REQUIREMENT FOR BASF AUSTRALIA LTD REGARDING SECONDARY NOTIFICATION OF NOTIFIED CHEMICAL LAROMER LR 8981 (LTD/1188)	9
3	PHTHALATE HAZARD ASSESSMENTS AND HAZARD COMPENDIUM – CALL FOR COMMENTS – A REMINDER	10
4	LOW VOLUME CHEMICAL PERMITS IN FORCE AS AT 30 JUNE 2007	11

NEW CHEMICALS

SUMMARY REPORTS

5	LTD/1283	VP/METHACRYLAMIDE/VINYL IMIDAZOLE COPOLYMER	18
6	LTD/1304	FJC-001H	20
7	LTD/1307	FSM-005M	23
8	LTD/1309	FSM-003B IN PICTUREMATE PHOTO CARTRIDGE T5852	26
9	LTD/1310	FSM-004Y IN PICTUREMATE PHOTO CARTRIDGE T5852	28
10	LTD/1311	FSM-009Y IN PICTUREMATE PHOTO CARTRIDGE T5852	30
11	LTD/1316	E-696 IN INK CARTRIDGE T5852	33
12	LTD/1317	POLYMER IN LIQUITINT® RED ST	35
13	LTD/1320	VUP4628	37
14	LTD/1326	POLYMER IN POLYQUART PRO	40

15	STD/1036	CHEMICAL A IN BONJET BLACK 818	42
16	STD/1176	DESMOPHEN NH1520/CHEMICAL IN DESMOPHEN NH 1521	45
17	STD/1220	SOVERMOT 750	49
18	STD/1242	CHEMICAL B IN BONJET BLACK 818	51
19	PLC/693	PULLULAN	54
20	PLC/702	POLYDRILL	56
21	SAPLC/65	POLYMER IN INFINEUM C9290	59
22	ACCESS TO FULL PUBLIC REPORT		61
PERMITS ISSUED			
23	LOW VOLUME CHEMICAL PERMITS		62
24	COMMERCIAL EVALUATION CATEGORY PERMITS		64
25	EARLY INTRODUCTION PERMITS		65
26	CONTROLLED USE PERMIT - EXPORT ONLY		66
AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES			
27	NOTICE OF CHEMICALS ELIGIBLE FOR LISTING ON THE AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES FIVE YEARS AFTER ISSUING OF ASSESSMENT CERTIFICATES		67
28	NOTICE OF AMENDMENTS TO THE AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES		68
29	NOTICE OF CHEMICALS ELIGIBLE FOR IMMEDIATE LISTING ON THE AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES AFTER ISSUING OF ASSESSMENT CERTIFICATE		69

1 INCREASE IN NICNAS NEW CHEMICAL FEES AND CHARGES

From 1 July 2007 a 3.83% increase will apply to the National Industrial Chemicals Notification and Assessment Scheme (NICNAS) New Chemical fees and charges.

The increases for 2007-08 have been negotiated with and supported by industry through the NICNAS Industry Government Consultative Committee and approved by the Parliamentary Secretary to the Minister for Health and Ageing, Senator the Hon Brett Mason.

Please note, all new chemicals applications submitted prior to 1 July 2007 for which fees remain outstanding at this date, will incur the increased fees.

It is noted that for applications submitted under the Submit Once Review Once system, payment of the remainder of the assessment fees must be lodged within 7 days of starting the assessment clock and will incur the 2007-08 fees if not paid before the 1 July 2007.

The Schedule of New Chemical fees and charges is as follows:

SCHEDULE OF CURRENT AND REVISED NEW CHEMICAL FEES AND CHARGES

	Current Price \$ ^a	New Price \$ ^a
<i>New Chemical fees</i>		
<i>Certificate Applications</i>		
Standard Assessment	14,418	14,970
Limited Assessment	12,076	12,539
Polymer of Low Concern	4,067	4,223
Application for Extension of Assessment Certificate	2,588	2,667
<i>Self-assessment Certificate Applications</i>		
Self-Assessment Application Non-hazardous chemical	8,651	8,982
Self-Assessment Application Non-hazardous polymer	7,246	7,523
Polymer of Low Concern (PLC) Self-Assessment Application	2,440	2,534
<i>Permit Applications</i>		
Commercial Evaluation (CEC) Permit Application	3,204	3,327
Commercial Evaluation (CEC) Renewal Application	633	657
Low Volume Chemical (LVC) Permit Application	3,204	3,327
Low Volume Chemical (LVC) Permit Renewal Application	633	657
Controlled Use Permit Application (Export Only)	3,204	3,327
Controlled Use Permit Application (Other)	3,204	3,327
Controlled Use Permit Renewal Application	633	657
Application for Early Introduction Permit (EIP)	616	640
Section 30 Permit Application	6,987	7,255
<i>Other Applications</i>		
Secondary notification of new chemicals, other than a synthetic PLC	7,985	8,291

Secondary notification of a new chemical that is a synthetic PLC	3,451	3,583
Foreign Scheme - Standard Assessment Application ^b	7,985	8,982
Foreign Scheme - Limited Assessment Application ^b	6,432	7,523
Alternate State Law Application ^b	8,626	8,982

New Chemical Charges***New Chemical Assessment***

Variation of Schedule Data Requirements	1,140	1,184
Nomination of Foreign Scheme	5,926	6,153
Exempt Information	633	657
Application to Vary Assessment Report	633	657
Application to Vary Full Public Report	633	657

AICS

Confidential Listing of a New Industrial Chemical	1,267	1,316
Application to Retain Confidential Listing	1,709	1,774
Application for Early Non-confidential Listing with fee	633	657
Application to be a Holder of a Confidence	569	657
Transfer to Confidential listing	1,698	1,763

Notes:

a) All NICNAS fees and charges are in Australian Dollars and are GST free. All amounts are rounded to nearest \$.

b) Whilst fees have been set for these applications, at present there are no Approved Foreign Schemes or Alternate State Laws in Australia.

INCREASE IN NICNAS REGISTRATION FEES AND CHARGES

New NICNAS Registration fees and charges come into effect for the registration cycle commencing 1 September 2007.

SCHEDULE OF CURRENT AND REVISED NICNAS REGISTRATION FEES AND CHARGES

	Current Price	New Price
	\$^a	\$^a
Admin charge for registration	367	381
Tier 1 Registration Charge (equivalent to Admin charge)	367	381
Tier 2 Registration Charge (excluding Admin charge)	1,099	1,141
Tier 3 Registration Charge (excluding Admin charge)	8,186	8,500

- **For further information, please contact NICNAS on:**
 - Free call: 1800 638 528
 - Phone: (02) 8577 8800
 - Fax: (02) 8577 8888
 - Email: info@nicnas.gov.au
 - or visit our website at www.nicnas.gov.au

**2 REVOCATION OF REQUIREMENT FOR BASF AUSTRALIA LTD
REGARDING SECONDARY NOTIFICATION OF NOTIFIED CHEMICAL
LAROMER LR 8981
(LTD/1188)**

Under section 72 of the *Industrial Chemical (Notification and Assessment) Act 1989* (the Act), the Director declares that:

BASF Australia Ltd
500 Princes Hwy
Noble Park NSW 3174

is no longer required to be subject to secondary notification of the chemical **Laromer LR 8981**.

This revocation is contingent upon the undertaking by BASF Australia Ltd that **Laromer LR 8981** will not be introduced other than in accordance with the original notification and assessment for this chemical (NICNAS file number LTD/1188).

It remains the case that the Director must be notified in writing within 28 days when any of the circumstances listed in section 64(2) arise. The Director will then decide whether secondary notification of the chemical is required.

3 PHTHALATE HAZARD ASSESSMENTS AND HAZARD COMPENDIUM – CALL FOR COMMENTS – A REMINDER

In May 2007 NICNAS released for comment 25 draft phthalate hazard assessments and a draft Phthalate Hazard Compendium (a comparative analysis of key toxicity endpoints for these phthalates). For all assessments, NICNAS utilised information, where available, from peer reviewed overseas assessment reports updated with recent literature surveys.

Nine of these phthalates were declared as Priority Existing Chemicals (PECs) for public health risk assessments in March 2006.

This is a reminder that the closing date for provision of comments on these phthalate assessments and the Compendium is 1 August 2007.

These documents are downloadable from the NICNAS website at www.nicnas.gov.au or available free of charge directly from NICNAS on a CD-ROM in pdf format.

If you have any questions regarding the hazard assessments or the assessment processes, please contact Dr Graham Harvey, tel: (02) 8577 8851, fax: (02) 8577 8888 or email: graham.harvey@nicnas.gov.au.

Comments on any or all of these draft documents should be sent to:

Dr Trang Pham
Rapid Risk Assessment
NICNAS
GPO Box 58
Sydney NSW 2001
Fax (02) 8577 8888
Email trang.pham@nicnas.gov.au

Requests for CDROMs containing these draft reports should be sent to:

Ms Virginia Parish
Review and Treaties
NICNAS
GPO Box 58
Sydney NSW 2001
Fax (02) 8577 8888
Email virginia.parish@nicnas.gov.au

4 LOW VOLUME CHEMICAL PERMITS IN FORCE AS AT 30 JUNE 2007

Section 21ZA(2) of the ACT requires the Director to publish at least once a year a list of current Low Volume Chemical Permits in force at the date published.

Permit No	Chemical/Trade Name	Company	Permit Issued
637	Vinnapas RE 523Z (ingredient)	Wacker Chemicals Australia Pty Ltd	07/07/04
638	2-[(4-aminophenyl)azo]-1,3-dimethyl-1H-Imidazolium chloride	L'Oreal Australia Pty Ltd	13/07/04
640	C-193	Canon Australia Pty Ltd	14/07/04
641	C-FG-P	Canon Australia Pty Ltd	14/07/04
642	C-BG	Canon Australia Pty Ltd	14/07/04
643	C-RB	Canon Australia Pty Ltd	14/07/04
644	C-SR	Canon Australia Pty Ltd	14/07/05
645	Firwood	Firmenich Ltd	14/07/04
646	Random polymer of methyl acrylate, methyl methacrylate, methacrylic acid and polydimethylmercapto-propyl methyl silicone	L'Oreal Australia Pty Ltd	16/07/04
647	Ysamber K	International Flavours & Fragrances (Aust) Pty Ltd	19/07/04
648	Ambrocenide 10	International Flavours & Fragrances (Aust) Pty Ltd	19/07/04
649	Polymer in Z-56	Shell Company of Australia "SCCI"	20/07/04
650	Polymer in Z-57	Shell Company of Australia "SCCI"	20/07/04
651	K-9352	Konica Minolta Business Solutions Australia P/L	22/07/04
652	MJR 6580	Brother International	27/07/04
653	Polymer in Liquitint Brilliant Orange	Albright & Wilson (Australia) Limited	02/08/04
654		Nuplex Industries (Aust) Pty Ltd	02/08/04
655		Walk Off Mats Asia Pacific Pty Ltd	02/08/04
656	1,2-Propanediol, 3-((2-ethylhexyl)oxy)-	Trimex Pty Ltd	05/08/04
657	Quaternary ammonium compounds, ethyldimethylsoya alkyl, ethyl sulfates	Shell Company of Australia Ltd	05/08/04
658	Walnut Ester	Firmenich Limited	20/08/04
659	Polyquaternium 59	Trimex Pty Ltd	20/08/04

660	2,5-Furadione polymer with 2-methyl-1-propene, ethyl ester reaction product with N,N-dimethyl 1,3-propanediamine and polyethylene-polypropylene glycol 2-aminopropyl Me ether	ISP (Australasia) Pty Ltd	20/08/04
661	Chemical in Starplex HD2	Caltex Australia Petroleum Pty Ltd	27/08/04
662		Australasian Lubrication Manufacturing Company	27/08/04
663	XTJ-505 Additive	Dow Chemical (Aust) Ltd	10/09/04
664		Castrol Aust Pty Ltd (transferred to BP Australia P/L 31/07/06)	10/09/04
665	Silane hexyltrimethoxy	Toyo Inks Australia Pty Ltd	28/09/04
666	HN-130	Chemetall (Australasia) Pty Ltd	30/09/04
667	Liojet WD Yellow 008C	Epson Australia Pty Ltd	30/09/04
669	Liojet WD Magenta 008C	Epson Australia Pty Ltd	30/09/04
671	Butanoic acid, 3-mercapto-,ethyl ester	International Flavours and Fragrances Aust Pty Ltd	24/11/04
672	Ethanol, 2-(2,4-diaminophenoxy) sulfate (1:1) (salt)	La Biosthetique Australia Pty Ltd	24/12/04
673	2,5-Furandione, polymer with 2-methyl-1-propene, ethyl ester, reaction product with N,N-dimethyl-1-3-propane diamine and polyethylene-polypropylene glycol 2-amino propyl Me ether	Alberto Culver Australia	07/01/05
674	2,5-Furandione, polymer with 2-methyl-1-propene, ethyl ester, reaction product with N,N-dimethyl-1-3-propane diamine and polyethylene-polypropylene glycol 2-amino propyl Me ether	Pax Australia Pty Ltd	07/01/05
675	Benzoic acid, 2-methyl-,methyl ester	International Flavours and Fragrances (Aust) Pty Ltd	20/01/05
676	3-Methyl cyclotetradec-5-en-1-one	Givanudan Australia Pty Ltd	24/02/05
677	Tiare Flower Absolute	International Flavours and Fragrances (Australia) Pty Ltd	28/02/05
678	3-7-Nonadien-2-ol,4,8-dimethyl-	International Flavours and Fragrances (Australia) Pty Ltd	13/04/05
679	12-methyl-9-tetradeca-14-olide (cis and trans)	Givaudan Australia Pty Ltd	29/03/05
680	Methyl 4,7-octodienoate (E)	Givaudan Australia Pty Ltd	29/03/05

681	3,7,11-trimethyl-6,10-dodecadienal	Givaudan Australia Pty Ltd	29/03/05
682	6,7-epoxy-1,2,3,4,5,6,7,8-octahydro-1,1,2,4,4,7-hexamethylnaphthalene	Givaudan Australia Pty Ltd	29/03/05
683	Propanedioic acid, 1-(3,3-dimethylcyclohexyl)ethyl ethyl ester	International Flavours and Fragrances (Australia) Pty Ltd	28/04/05
684	Alpinia Oil A	International Flavours and Fragrances (Australia) Pty Ltd	28/04/05
685	Oils, Persicaria odorata	International Flavours and Fragrances (Australia) Pty Ltd	28/4/05
686	Safraleine	Givaudan Australia Pty Ltd	13/05/05
687	2-[(4-aminophenyl)azo]-1,3-dimethyl-1H-imidazolium chloride	La Biosthetique Australia Pty Ltd	03/06/05
688	NEJI-6	Epson Australia Pty Ltd	15/06/05
689	NEJI-5	Epson Australia Pty Ltd	15/06/05
690	2-[(4-aminophenyl)azo]-1,3-dimethyl-1H-imidazolium chloride	KPSS Australia Pty Ltd	21/06/05
691		Ciba Specialty Chemicals Pty Ltd	21/06/05
692		Henkel Australia Pty Ltd	21/06/05
693	NEJI-4	Epson Australia Pty Ltd	25/07/05
694	4H-Indeno[4,5-d]-1,3-dioxole, 3a, 5, 6, 7, 8, 8b-hexahydro-2, 2, 6, 6, 7, 8,8-heptamethyl-	International Flavours & Fragrances Australia Pty Ltd	25/07/05
695 (Renewal)	Photosol7-232 Photochromic Dye	Transitions Optical Pty Ltd	31/08/05
696	Lodyne 2000	Ciba Specialty Chemicals Pty Ltd	22/08/05
697	Ubiquinone 10, Coenzyme Q10	Biersdorf Australia Ltd	13/09/05
698	Polymer in Oleophobol 7713	Ciba Specialty Chemicals Pty Ltd (transferred to Huntsman Textile Effects Aust P/L 28/07/06)	10/10/05
699	Polysilicone-15	La Biosthetique Aust Pty Ltd	25/10/05
700		Luxury Beauty Concepts Pty Ltd	
701	SI 264	ZF Boge Elastmetall Australia Pty Ltd	27/10/05
702	3M Screen Printing Gloss Clear 1920DR	3M Aust Pty Ltd	18/11/05
703	Cooler 2	International Flavours & Fragrances Australia Pty Ltd	23/12/05
704		Pfizer Consumer Healthcare	
705	X-15249	Afton Chemical Asia Pacific LLC	22/02/06

707	2-Hydroxy-5-(1-oxooctyl)benzoic acid	L'Oreal Australia Pty Ltd	10/02/06
708 (Renewal)	Adduct RGW	Huntsman Advanced Materials (Australia) Pty Ltd	17/02/06
709 (Renewal)	Adduct ZKRM 2098	Huntsman Advanced Materials (Australia) Pty Ltd	17/02/06
710 (Renewal)	Component of Uralane 5774A & Uralane 5779A	Huntsman Advanced Materials (Australia) Pty Ltd	17/02/06
711	Aldehyde Jasmine	Takasago International (Singapore) Pte Ltd	24/02/06
712	Ethanaminium, N, N-diethyl-N-methyl-, tetrafluoroborate (1-)	Cap-XX (Australia) Pty Ltd	24/02/06
713 (Renewal)	Poly(oxy-1,2-ethanediyl), alpha, alpha', alpha'' 1,2,3-propanetriyltris[omega-hydroxy-,2-hydroxypropanoate	Ensign Laboratories	17/03/06
714	1H-Indole-5,6-diol, 2,3-dihydro-, hydrobromide	Henkel Australia Pty Ltd (transferred to Huntsman Textile Effects (Aust) Pty Ltd 28/07/06)	19/04/06
715	Chemical in Terasil Black WW-KSN/Chemical in Terasil Golden Yellow W-3R	Ciba Specialty Chemicals Pty Ltd (transferred to Huntsman Textile Effects Aust P/L 28/07/06)	28/04/06
716	Cyclopropanecarboxylic acid, 2-[1-(3,3-dimethylcyclohexyl)ethoxy]-2-methylpropyl ester	Givaudan Australia Pty Limited	17/05/06
717 (Renewal)	Bio Index	Nalco Australia Pty Ltd	30/05/06
718	Fluoroalkylchlorosilane in Surface Seal Coating Solution	PPG Aerospace	05/06/06
719	Halogenated performance additive in surface seal coating solution	PPG Aerospace	05/06/06
720 (Renewal)	6-Nonen-1-ol, acetate, (6Z)-	International Flavours and Fragrances	04/07/06
721 (Renewal)	Imexine OBA	L'Oreal Australia Pty Ltd	09/08/06
722 (Renewal)	Stearalkonium Bentonite	L'Oreal Australia Pty Ltd	09/08/06
723 (Renewal)	Methylsilanol Mannurate	L'Oreal Australia Pty Ltd	09/08/06
724 (Renewal)	Imexine OAX	L'Oreal Australia Pty Ltd	09/08/06
725	Bamboo Ketone	Takasago International Corporation (Aust Sales Office)	29/08/06
726 (Renewal)	Dye 002	Canon Australia Pty Ltd	07/09/06

727 (Renewal)	Quincester	Firmenich Limited	15/09/06
728 (Renewal)	Mysoral	Firmenich Limited	15/09/06
729 (Renewal)	Florhydral	Givaudan Pty Limited	26/09/06
730 (Renewal)	Okoumal	Givaudan Pty Limited	26/09/06
731 Renewal)	Pharaone	Givaudan Pty Limited	26/09/06
732 (Renewal)	Floridile	Givaudan Pty Limited	26/09/06
733 (Renewal)	Belambre	Givaudan Pty Limited	26/09/06
734	Carbamic acid, dimethyl-, 1-ethenyl-1,5-dimethyl-4-hexenyl ester	Givaudan Pty Limited	10/10/06
735 (Renewal)	Aladinate	Firmenich Ltd	17/10/06
736 (Renewal)	Sclareolate	Firmenich Ltd	17/10/06
737 (Renewal)	Lilyflore	Firmenich Ltd	17/10/06
738 (Renewal)	Rosoxime	Firmenich Ltd	17/10/06
739 (Renewal)	Aldolone	Firmenich Ltd	23/10/06
740 (Renewal)	Centifolether	Firmenich Ltd	23/10/06
741 (Renewal)	Jasmonitrile	Firmenich Ltd	23/10/06
742 (Renewal)	Cyclopentol	Firmenich Ltd	23/10/06
743	1-Cyclooct-3-enyl-ethanone (Tanaïsonne)	Givaudan Australia Pty Limited	02/11/06
744 (Renewal)	Vertoxime	Firmenich Ltd	23/11/06
745 (Renewal)	Hivernal	Firmenich Ltd	23/11/06
746 (Renewal)	3-Cyclopentene-1-butanal, alpha, 2,2,3-tetramethyl- (Santaflour)	International Flavours and Fragrances Pty Ltd	29/11/06
747 (Renewal)	5-amino-6-chloro-o-cresol	La Biosthetique Australia Pty Ltd	31/01/07
748 (Renewal)	MJA-549(N)	Epson Australia Pty Ltd	08/02/07

749 (Renewal)	NEJI-7	Epson Australia Pty Ltd	09/03/07
750 (Renewal)	Breu Wood Resin	International Flavours and Fragrances (Australia) Pty Ltd	21/03/07
751	2-propenoic acid, 3-(2-hydroxyphenyl)-, 9-decen-1-yl ester	Givaudan Australia Pty Ltd	15/03/07
752	Polyquarternium-59	La Biosthetique Australia Pty Ltd	22/03/07
753	2H-2, 4a-Methanonaphthalene, 1, 3, 4, 5, 6, 7-hexahydro-7-methoxy-1, 1, 5, 5-tetramethyl-	Symrise Pty Ltd	26/03/07
754	Cyclohexadecenone	Symrise Pty Ltd	26/03/07
755	4, 7-Methano-1H-indene-carboxaldehyde, 3a, 4, 5, 6, 7, 7a-hexahydro-, reaction products with Me Et ketone, acid-isomerised, reduced	Symrise Pty Ltd	26/03/07
756	3-Cyclooctene-1-methanol, alpha-ethyl-	Givaudan Australia Pty Ltd	04/04/07
757 (Renewal)	3-(1,1-Dimethylethyl) Cyclohexyl Acetate	Givaudan Australia Pty Ltd	18/04/07
758	2(3H)-Furanone, 5-hexyldihydro-4-methyl-	Symrise Pty Ltd	30/04/07
759 (Renewal)	Azurone	Givaudan Australia Pty Ltd	23/05/07
760 (Renewal)	Trifone	Firmenich Limited	22/05/07
761 (Renewal)	Vulcanolide	Firmenich Limited	22/05/07
762 (Renewal)	Transluzone	Firmenich Limited	22/05/07
763 (Renewal)	Pyridine Orange	Firmenich Limited	22/05/07
764 (Renewal)	Myrrhone	Firmenich Limited	22/05/07
765 (Renewal)	Fructopyridine	Firmenich Limited	22/05/07
766 (Renewal)	Doremox	Firmenich Limited	22/05/07
767 (Renewal)	M Polymer	Epson Australia Pty Ltd	25/05/07
768 (Renewal)	NEJI-1	Epson Australia Pty Ltd	25/05/07
769 (Renewal)	NEJI-2	Epson Australia Pty Ltd	25/05/07
770	Fluorosurfactant in Bayowet FT 248R	Lanxess Pty Ltd	06/06/07

771	C-BK4	Canon Australia Pty Ltd	01/06/07
772	C-BW1	Canon Australia Pty Ltd	01/06/07
773	C-Y9	Canon Australia Pty Ltd	01/06/07
774 (Renewal)	2-Acetyl-1,2,3,4,5,6,7,8- octahydro-2,3,8,8 (or 1,2,8,8)- tetra methyl naphthalene	Givaudan Australia Pty Limited	08/06/07
775	C-M5	Canon Australia Pty Ltd	08/06/07
776	Cyclohexadecanone	Symrise Pty Ltd	21/06/07
777	C-C1	Canon Australia Pty Ltd	25/06/07

5 PUBLICATION SUMMARY REPORT

VP/Methacrylamide/Vinyl Imidazole Copolymer Summary Report Reference No: LTD/1283

BASF Australia Ltd (ABN: 62 008 437 867) of 500 Princes Highway Noble Park VIC 3174 has submitted a limited notification statement in support of their application for an assessment certificate for VP/Methacrylamide/Vinyl Imidazole Copolymer. The notified polymer is intended to be used as a film-forming agent for hair styling waxes, gels and mousses. Up to 5 tonnes of the notified polymer will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

Based on the available data the notified polymer is not classified as hazardous under the NOHSC *Approved Criteria for Classifying Hazardous Substances*.

Occupational Health and Safety

There is Low Concern to occupational health and safety under the conditions of the occupational settings described.

Public Health

There is No Significant Concern to public health when used in the manner described.

Environmental Effects

On the basis of the PEC/PNEC ratio, the polymer is not considered to pose a risk to the environment based on its reported use pattern.

RECOMMENDATIONS

Control Measures

Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to the notified polymer:
 - Reformulation operations should be performed in well-ventilated areas.
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the imported notified polymer:
 - Avoid contact with skin.
 - Prevent overfilling of containers.
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer:
 - Gloves, safety glasses, safety boots, coveralls/laboratory coats.

Guidance in selection of personal protective equipment can be obtained from Australian, Australian/New Zealand or other approved standards.

- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified chemical are classified as hazardous to health in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances*, workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Environment

- The notified polymer should be disposed of to landfill.
- Spills or accidental release of the notified polymer should be handled by physical containment, collection and subsequent safe disposal.

Secondary Notification

The Director of Chemicals Notification and Assessment must be notified in writing within 28 days by the notifier, other importer or manufacturer:

Under Section 64(1) of the Act; if

- the polymer has a number-average molecular weight of less than 1000
- or

Under Section 64(2) of the Act:

- if any of the circumstances listed in the subsection arise.

The Director will then decide whether secondary notification is required.

No additional secondary notification conditions are stipulated.

6 PUBLICATION SUMMARY REPORT

FJC-001H
Summary Report
Reference No: LTD/1304

Hewlett-Packard Australia Ltd (ABN 25 084 864 479) of 31-41 Joseph Street, Blackburn, VIC 3130 has submitted a limited notification statement in support of their application for an assessment certificate for FJC-001H. The notified chemical is intended to be used as component of a water-soluble ink for use in ink-jet printers. Up to 1 tonne of the notified chemical will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

Based on the available data the notified chemical is classified as hazardous under the NOHSC *Approved Criteria for Classifying Hazardous Substances*. The classification and labelling details are:

- Xi R41 - Risk of serious damage to eyes

Occupational Health and Safety

There is Low Concern to occupational health and safety under the conditions of the occupational settings described.

Public Health

There is No Significant Concern to public health when used as described.

Environmental Effects

On the basis of the PEC/PNEC ratio, the chemical is not considered to pose a risk to the environment based on its reported use pattern.

RECOMMENDATIONS

Regulatory Controls

Hazard Classification and Labelling

- The Office of the ASCC, Department of Employment and Workplace Relations (DEWR), should consider the following health hazard classification for the notified chemical:
 - Xi: R41 - Risk of serious damage to eyes
 - S24/25 Avoid contact with skin and eyes
 - S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
 - S37 Wear suitable gloves
 - S39 Wear eye/face protection

- Use the following risk phrases for products/mixtures containing the notified chemical:
 - Conc \geq 10%: R41
 - 5% \leq concentration < 10%: R36

Control Measures

Occupational Health and Safety

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical as used in printing inks:
 - Avoid contact with skin and eyes
 - Printers should be located in well-ventilated areas;
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical as used in printing inks:
 - Appropriate goggles and gloves when replenishing spent ink cartridges and servicing printers

Guidance in selection of personal protective equipment can be obtained from Australian, Australian/New Zealand or other approved standards.

- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified chemical are classified as hazardous to health in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances*, workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Environment

Disposal

- The notified chemical should be disposed of by incineration or to landfill.

Emergency procedures

Spills or accidental release of the notified chemical should be handled by physical containment, collection and subsequent safe disposal.

Secondary Notification

The Director of Chemicals Notification and Assessment must be notified in writing within 28 days by the notifier, other importer or manufacturer:

Under Section 64(1) of the Act; if

- the importation volume exceeds one tonne per annum notified chemical;

or

Under Section 64(2) of the Act:

- if any of the circumstances listed in the subsection arise.

The Director will then decide whether secondary notification is required.

7 PUBLICATION SUMMARY REPORT

FSM-005W Summary Report Reference No: LTD/1307

Epson Australia Pty Ltd (ABN 91 002 625 783) of 3 Talavera Road, North Ryde, NSW, 2113 has submitted a limited notification statement in support of their application for an assessment certificate for FSM-005W. The notified chemical is intended to be used as a component of printer ink (< 1%) contained within cartridges. Less than 1 tonne of the notified chemical will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

Based on the available data the notified chemical is classified as hazardous under the NOHSC *Approved Criteria for Classifying Hazardous Substances*. The classification details are:

- C, R34 Cause burns
- Xi, R43 May cause sensitisation by skin contact

Occupational Health and Safety

There is No Significant Concern to occupational health and safety under the conditions of the occupational settings described, provided products are adequately labelled and safety instructions are followed.

Public Health

There is No Significant Concern to public health when used in printing ink contained in sealed cartridges, provided products are adequately labelled and safety instructions are followed.

Environmental Effects

The chemical is not considered to pose a risk to the environment based on its reported use pattern.

RECOMMENDATIONS

Regulatory Controls

Hazard Classification and Labelling

- The Office of the ASCC, Department of Employment and Workplace Relations (DEWR), should consider the following health hazard classification for the notified chemical:
Risk phrases:
 - C, R34 Cause burns
 - Xi, R43 May cause sensitisation by skin contact

Safety phrases:

- S24 Avoid contact with skin
 - S25 Avoid contact with eyes
 - S37 Wear suitable gloves
 - S39 Wear eye/face protection
- Use the following risk phrases for products/mixtures containing the notified chemical:
 - $\geq 10\%$: R34, R41, R43
 - $5\% \leq \text{Conc} < 10\%$: R36/38, R43
 - $1\% \leq \text{Conc} < 5\%$: R43
 - The National Drugs and Poisons Scheduling Committee (NDPSC) should consider the notified chemical for listing on the SUSDP.
 - Products containing the notified chemical and available to the public must carry safety directions and consistent with the following warning statements on the label:
 - May cause allergy
 - Avoid contact with skin
 - Wash hands after use

Control Measures

Occupational Health and Safety

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical in ink cartridges, especially during handling faulty or ruptured cartridges:
 - Avoid skin and eye contact
 - Wear suitable gloves
- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified chemical are classified as hazardous to health in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances*, workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Public Health

The following measures should be taken by the cartridge manufacturers to minimise public exposure to the notified chemical:

- The design of the ink cartridges should minimise the potential for leaks or ruptures.
- The product label should include appropriate use and safety directions.

Environment

Disposal

- The notified chemical should be disposed of by incineration or in landfill.

Emergency procedures

- Spills or accidental release of the notified chemical should be contained using suitable absorbent material and removed for disposal.

Secondary Notification

The Director of Chemicals Notification and Assessment must be notified in writing within 28 days by the notifier, other importer or manufacturer:

Under Section 64(1) of the Act; if

- the importation volume exceeds one tonne per annum notified chemical; or
- the concentration of the notified chemical exceeds or equals 1%.

or

Under Section 64(2) of the Act:

- if any of the circumstances listed in the subsection arise.

The Director will then decide whether secondary notification is required.

8 PUBLICATION SUMMARY REPORT

FSM-003B in PictureMate Photo Cartridge T5852 Summary Report Reference No: LTD/1309

Epson Australia Pty Ltd (ABN 91 002 625 783) of 3 Talavera Rd, North Ryde NSW 2113 has submitted a limited notification statement in support of their application for an assessment certificate for “FSM-003B in PictureMate Photo Cartridge T5852”. The notified chemical is intended to be used as a dye component of imported inkjet printer inks, Australia-wide. Less than 1 tonne of the notified chemical will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

Based on the available data the notified chemical cannot be classified as hazardous under the NOHSC *Approved Criteria for Classifying Hazardous Substances*.

Occupational Health and Safety

The notified chemical is expected to present an acceptable risk to occupational health and safety under the conditions of the occupational settings described.

Public Health

The notified chemical presents an acceptable risk to public health when used as a dye component of inkjet printer inks.

Environmental Effects

On the basis of the PEC/PNEC ratio, the notified chemical is not considered to pose a risk to the environment based on its reported use pattern.

RECOMMENDATIONS

Control Measures

Occupational Health and Safety

- A copy of the MSDS should be easily accessible to employees.
- Service personnel should wear cotton or disposable gloves during routine maintenance and repairs of inkjet printers.
- If products and mixtures containing the notified chemical are classified as hazardous to health in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances*, workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Public Health

- Products containing the notified chemical should be labelled with the following safety direction:
 - Avoid skin or eye contact with ink.

Disposal

- The notified chemical should be disposed of by incineration or to landfill.

Emergency procedures

- Spills or accidental release of the notified chemical should be handled by physical containment, collection and subsequent safe disposal.

Secondary Notification

This risk assessment is based on the information available at the time of notification. The Director may call for the reassessment of the chemical under secondary notification provisions based on changes in certain circumstances. Under Section 64 of the *Industrial Chemicals (Notification and Assessment) Act (1989)* the notifier, as well as any other importer or manufacturer of the notified chemical, have post-assessment regulatory obligations to notify NICNAS when any of these circumstances change. These obligations apply regardless of whether the notified chemical has been listed on the Australian Inventory of Chemical Substances (AICS).

Therefore, the Director must be notified in writing within 28 days by the notifier, other importer or manufacturer:

Under Section 64(1) of the Act; if

- the importation volume exceeds one tonne per annum notified chemical; or
- if the notified chemical is imported in any fashion other than within an inkjet ink cartridge.
- additional mutagenicity test data is to be provided to NICNAS when it is available.

Under Section 64(2) of the Act; if

- the function or use of the chemical as a component of inkjet printer inks has changed, or is likely to change significantly;
- the amount of chemical being introduced has increased, or is likely to increase, significantly;
- if the chemical has begun to be manufactured in Australia;
- additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

The Director will then decide whether a reassessment (i.e. a secondary notification and assessment) is required.

9 PUBLICATION SUMMARY REPORT

FSM-004Y in PictureMate Photo Cartridge T5852 Summary Report Reference No: LTD/1310

Epson Australia Pty Ltd (ABN 91 002 625 783) of 3 Talavera Rd, North Ryde NSW 2113 has submitted a limited notification statement in support of their application for an assessment certificate for “FSM-004Y in PictureMate Photo Cartridge T5852”. The notified chemical is intended to be used as a dye component of imported inkjet printer inks, Australia-wide. Less than 1 tonne of the notified chemical will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

Based on the available data the notified chemical cannot be classified as hazardous under the NOHSC *Approved Criteria for Classifying Hazardous Substances*.

Occupational Health and Safety

The notified chemical is expected to present an acceptable risk to occupational health and safety when used as a component of inkjet printer inks.

Public Health

The notified chemical presents an acceptable risk to public health when used as a component of inkjet printer inks.

Environmental Effects

On the basis of the PEC/PNEC ratio, the notified chemical is not considered to pose a risk to the environment based on its reported use pattern.

RECOMMENDATIONS

Control Measures

Occupational Health and Safety

- A copy of the MSDS should be easily accessible to employees.
- Service personnel should wear cotton or disposable gloves during routine maintenance and repairs of inkjet printers.
- If products and mixtures containing the notified chemical are classified as hazardous to health in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances*, workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Public Health

- Products containing the notified chemical should be labelled with the following safety direction:
 - Avoid skin or eye contact with ink.

Disposal

- The notified chemical should be disposed of by incineration or to landfill.

Emergency procedures

- Spills or accidental release of the notified chemical should be handled by physical containment, collection and subsequent safe disposal.

Secondary Notification

This risk assessment is based on the information available at the time of notification. The Director may call for the reassessment of the chemical under secondary notification provisions based on changes in certain circumstances. Under Section 64 of the *Industrial Chemicals (Notification and Assessment) Act (1989)* the notifier, as well as any other importer or manufacturer of the notified chemical, have post-assessment regulatory obligations to notify NICNAS when any of these circumstances change. These obligations apply regardless of whether the notified chemical has been listed on the Australian Inventory of Chemical Substances (AICS).

Therefore, the Director must be notified in writing within 28 days by the notifier, other importer or manufacturer:

Under Section 64(1) of the Act; if

- the importation volume exceeds one tonne per annum notified chemical; or
- if the notified chemical is imported in any fashion other than within an inkjet ink cartridge.
- additional mutagenicity test data is to be provided to NICNAS when it is available.

Under Section 64(2) of the Act; if

- the function or use of the chemical as a component of inkjet printer inks has changed, or is likely to change significantly;
- the amount of chemical being introduced has increased, or is likely to increase, significantly;
- if the chemical has begun to be manufactured in Australia;
- additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

The Director will then decide whether a reassessment (i.e. a secondary notification and assessment) is required.

10 PUBLICATION SUMMARY REPORT

FSM-009Y in PictureMate Photo Cartridge T5852 Summary Report Reference No: LTD/1311

Epson Australia Pty Ltd (ABN 91 002 625 783) of 3 Talavera Road North Ryde NSW 2113 has submitted a limited notification statement in support of their application for an assessment certificate for “FSM-009Y in PictureMate Photo Cartridge T5852”. The notified chemical is intended to be used as a dye component of imported inkjet printer inks. Up to 1 tonne of the notified chemical will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

Based on the available data the notified chemical cannot be classified as hazardous under the NOHSC *Approved Criteria for Classifying Hazardous Substances*.

Occupational Health and Safety

Under the conditions of the occupational settings described, the risk to workers is considered to be acceptable.

Public Health

When used in the proposed manner the risk to the public is considered to be acceptable.

Environmental Effects

The notified chemical is not considered to pose a risk to the environment based on its reported use pattern.

RECOMMENDATIONS

Control Measures

Occupational Health and Safety

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical:
 - Avoid contact with eyes and skin.
- Service personnel should wear cotton or disposable gloves when removing spent printer cartridges containing the notified chemical and during routine maintenance and repairs.
- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified chemical are classified as hazardous to health in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances*, workplace practices and control procedures consistent with

provisions of State and Territory hazardous substances legislation must be in operation.

Public Health

- Products containing the notified chemical should be labelled with the following safety direction:
 - Avoid skin and eye contact with ink.

Environment

Disposal

- The notified chemical should be disposed of by incineration or to landfill.

Emergency procedures

- Spills or accidental release of the notified chemical should be handled by physical containment, collection and subsequent safe disposal.

Secondary Notification

This risk assessment is based on the information available at the time of notification. The Director may call for the reassessment of the chemical under secondary notification provisions based on changes in certain circumstances. Under Section 64 of the *Industrial Chemicals (Notification and Assessment) Act (1989)* the notifier, as well as any other importer or manufacturer of the notified chemical, have post-assessment regulatory obligations to notify NICNAS when any of these circumstances change. These obligations apply regardless of whether the notified chemical has been listed on the Australian Inventory of Chemical Substances (AICS).

Therefore, the Director must be notified in writing within 28 days by the notifier, other importer or manufacturer:

Under Section 64(1) of the Act; if

- the importation volume exceeds one tonne per annum notified chemical; or
- if the notified chemical is imported in any fashion other than within an inkjet ink cartridge.
- additional mutagenicity test data is to be provided to NICNAS when available.

or

Under Section 64(2) of the Act; if

- the function or use of the chemical, intended as a component (<10%) in inkjet printer inks, has changed, or is likely to change significantly;
- the amount of chemical being introduced has increased, or is likely to increase, significantly;
- the chemical has begun to be manufactured in Australia;
- additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

The Director will then decide whether a reassessment (i.e. a secondary notification and assessment) is required.

11 PUBLICATION SUMMARY REPORT

E-696 in Ink Cartridge T5852 Summary Report Reference No: LTD/1316

Epson Australia Pty Ltd (ABN 91 002 625 782) of 3 Talavera Road North Ryde NSW 2113 has submitted a limited notification statement in support of their application for an assessment certificate for E-696 in Ink Cartridge T5852. The notified chemical is intended to be used in water-soluble ink at <5% for ink cartridges. Up to one tonne of the notified chemical will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

Based on the available data the notified chemical cannot be classified as hazardous under the NOHSC *Approved Criteria for Classifying Hazardous Substances*. The notified chemical is hazardous to the environment. However, the hazard classification for environmental effects is not mandated in Australia.

Occupational Health and Safety

There is No Significant Concern to occupational health and safety under the conditions of the occupational settings described.

Public Health

There is No Significant Concern to public health when used in the proposed manner.

Environmental Effects

The chemical is not considered to pose a risk to the environment based on its reported use pattern.

RECOMMENDATIONS

Control Measures

Occupational Health and Safety

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical:
 - Avoid contact with eyes and skin.
- Service personnel should wear cotton or disposable gloves when removing spent printer cartridges containing the notified chemical and during routine maintenance and repairs.
- A copy of the MSDS should be easily accessible to employees.

- If products and mixtures containing the notified chemical are classified as hazardous to health in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances*, workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Public Health

- Products containing the notified chemical should be labelled with the following safety direction:
 - Avoid skin and eye contact with ink.

Environment

- The notified chemical should be disposed of by incineration or to landfill.
- Spills or accidental release of the notified chemical should be handled by physical containment, collection and subsequent safe disposal.

Secondary Notification

Under Section 64(1) of the Act; if

- the importation volume exceeds one tonne per annum notified chemical; or
- if the notified chemical is imported in any fashion other than within an inkjet ink cartridge.
- additional mutagenicity test data is to be provided to NICNAS when available.

or

Under Section 64(2) of the Act; if

- the function or use of the chemical, intended as a component (<5%) in inkjet printer inks, has changed, or is likely to change significantly;
- the amount of chemical being introduced has increased, or is likely to increase, significantly;
- the chemical has begun to be manufactured in Australia;
- additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

The Director will then decide whether a reassessment (i.e. a secondary notification and assessment) is required.

12 PUBLICATION SUMMARY REPORT

Polymer in Liquitint® Red ST Summary Report Reference No: LTD/1317

Walk Off Mats Asia Pacific Pty Ltd (ABN: 14 002 708 830) of U7/95 O'Sullivan Beach Rd, Lonsdale, South Australia, 5160 and Albright & Wilson (ABN: 36 004 234 137) of 22 Davis Rd, Wetherill Park, NSW, 2164 has submitted a limited notification statement in support of their application for an assessment certificate for Polymer in Liquitint® Red ST. The notified polymer is intended to be used as a colourant in household and industrial soaps and detergents. Less than 1 tonnes of the notified polymer will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

Based on the available data the notified polymer is not classified as hazardous under the NOHSC *Approved Criteria for Classifying Hazardous Substances*.

Occupational Health and Safety

There is Moderate Concern to occupational health and safety under the conditions of the occupational settings described for manual handling of the imported product. The concern would be mitigated by the use of PPE and engineering controls.

Public Health

There is No Significant Concern to public health when used in the proposed manner.

Environmental Effects

On the basis of the PEC/PNEC ratio the polymer is not considered to pose a risk to the environment based on its reported use pattern and volume.

RECOMMENDATIONS

Control Measures

Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to products containing the product containing the notified polymer as introduced during blending:
 - Automation of formulation processes, especially when transferring the product containing the notified polymer
 - Appropriate controls to avoid spillages
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the product containing the notified polymer as introduced during blending and end uses by workers:

- Avoid direct skin and eye contact during end uses
- Appropriate workplace training in handling of chemicals
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the product containing the notified polymer as introduced:
 - protective clothing
 - gloves
 - eye protection

Guidance in selection of personal protective equipment can be obtained from Australian, Australian/New Zealand or other approved standards.

- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances*, workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Disposal

- The notified polymer should be disposed of by incineration or to landfill.

Emergency procedures

- Spills or accidental release of the notified polymer should be handled by physical containment, collection and subsequent safe disposal.

Secondary Notification

The Director of Chemicals Notification and Assessment must be notified in writing within 28 days by the notifier, other importer or manufacturer:

Under Section 64(1) of the Act; if

- the importation volume exceeds one tonne per annum notified polymer; or
- the polymer has a number-average molecular weight of less than 1000; or
- if the concentration of notified polymer exceeds 0.1% in end-use products; or
- any personal care products (including baby care products) containing the notified polymer are to be introduced to Australia.
- any additional toxicity studies becomes available on the notified polymer or analogue used for other health endpoints in this assessment; or

or

Under Section 64(2) of the Act:

- if any of the circumstances listed in the subsection arise.

The Director will then decide whether secondary notification is required.

13 PUBLICATION SUMMARY REPORT

**VUP 4628
Summary Report
Reference No: LTD/1320**

Cytec Australia Holdings Pty Limited (ABN: 45 081 148 629) of Suite 1, Level 1 Norwest Quay, 21 Solent Circuit, Norwest Business Park Baulkham Hills NSW 2153 has submitted a limited notification statement in support of their application for an assessment certificate for VUP 4628. The notified polymer is intended to be used as component of putty for automotive applications. The imported product containing the notified polymer will be reformulated into putty at the formulation site. Formulation of the notified polymer into putty will involve transfer of notified polymer by metered dosing to a 1000 kg stainless steel mixing vessel and mixing the notified polymer and other ingredients in a sealed vessel fitted with a high-speed mixer. The resultant putty is dispensed into 20 L cans for supply to customers. The packaged containers are then warehoused for storage prior to distribution to spray painting and smash repair companies who will use the finished product to repair smashed automobiles. Up to 10 tonnes of the notified polymer will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS**Hazard Assessment**

As no toxicological data have been submitted the notified polymer cannot be classified under the NOHSC *Approved Criteria for Classifying Hazardous Substances*.

However, the notified polymer contains a significant amount of low MW species and it contains a high concern functional group, which is reactive and of concern to human health because of its potential for skin sensitising properties.

Occupational Health and Safety

Under the conditions of the occupational settings described, the risk to workers is considered to be acceptable.

Public Health

When used in the proposed manner the risk to the public is considered to be acceptable.

Environmental Effects

Based on the use pattern the notified polymer is not expected to pose an unacceptable risk to the environment.

RECOMMENDATIONS

Regulatory Controls

Health Surveillance

- As the notified polymer could be a potential skin sensitiser, employers should carry out health surveillance for any worker who has been identified in the workplace risk assessment as having a significant risk of sensitisation.

Control Measures

Occupational Health and Safety

- Appropriate engineering controls, work practices and personal protective equipment should be used to prevent dermal contact of workers to the notified polymer as introduced and in formulated products.

Guidance in selection of personal protective equipment can be obtained from Australian, Australian/New Zealand or other approved standards.

- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances*, workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Environment

- The notified polymer is not classified as dangerous to the environment

Disposal

- The notified polymer should be disposed of by landfill.

Storage

- The following precautions should be taken regarding storage of the notified polymer: Store in a cool dry place and keep container tightly closed. Keep away from heat source and direct sunlight.

Emergency procedures

- Spills or accidental release of the notified polymer should be handled by covering the spill with inert absorbent material; sweep up and place in a waste disposal container. Flush spill area with water. Remove source of ignition.

Regulatory obligations

This risk assessment is based on the information available at the time of notification. If the circumstances under which the notified polymer was assessed change a reassessment may be

needed. Under the *Industrial Chemicals (Notification and Assessment) Act (1989)* the notifier, as well as any other importer or manufacturer of the notified polymer, have post-assessment regulatory obligations to notify NICNAS when any of these circumstances change. These obligations apply whether or not the notified polymer has been listed on the Australian Inventory of Chemical Substances (AICS).

Therefore, the Director of Chemicals Notification and Assessment must be notified in writing within 28 days by the notifier, other importer or manufacturer:

Under Section 64(2) of the Act; if

- the function or use of the polymer as a component in the manufacture of putty for the after-market automotive industry has changed, or is likely to change significantly;
- the amount of polymer being introduced (up to 10 tonnes per annum) has increased, or is likely to increase, significantly;
- the polymer has begun to be manufactured in Australia;
- additional information has become available to the person as to an adverse effect of the polymer on occupational health and safety, public health, or the environment.

The Director will then decide whether a reassessment (i.e. a secondary notification and assessment) is required.

No additional secondary notification conditions are stipulated.

14 PUBLICATION SUMMARY REPORT

Polymer in Polyquart Pro Summary Report Reference No: LTD/1326

Cognis Australia Pty Ltd (ABN 87 006 374 456) of 4 Saligna Drive, Tullamarine, Victoria 3043 has submitted a limited notification statement in support of their application for an assessment certificate for Polymer in Polyquart Pro. The notified polymer is intended to be used as an additive in hard surface cleaners and vehicle washes/shampoos. Up to 15 tonnes of the notified polymer will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

As no toxicity data was available the notified polymer could not be classified as hazardous under the NOHSC *Approved Criteria for Classifying Hazardous Substances*.

Occupational Health and Safety

Under the conditions of the occupational settings described, the risk to workers is considered to be acceptable.

Public Health

When used in the proposed manner the risk to the public is considered to be acceptable.

Environmental Effects

On the basis of the PEC/PNEC ratio the chemical is not considered to pose a risk to the environment based on its reported use pattern.

RECOMMENDATIONS

Control Measures

Occupational Health and Safety

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified polymer as introduced:
 - Avoid skin and eye contact
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer as introduced:
 - Protective gloves
 - Protective clothing
 - Safety glasses

Guidance in selection of personal protective equipment can be obtained from Australian, Australian/New Zealand or other approved standards.

- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances*, workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Disposal

- The notified polymer should be disposed of by incineration or to landfill.

Emergency procedures

- Spills or accidental release of the notified polymer should be handled by physical containment, collection and subsequent safe disposal.

Regulatory Obligations

This risk assessment is based on the information available at the time of notification. The Director may call for the reassessment of the chemical under secondary notification provisions based on changes in certain circumstances. Under Section 64 of the *Industrial Chemicals (Notification and Assessment) Act (1989)* the notifier, as well as any other importer or manufacturer of the notified chemical, have post-assessment regulatory obligations to notify NICNAS when any of these circumstances change. These obligations apply even when the notified chemical is listed on the Australian Inventory of Chemical Substances (AICS).

Therefore, the Director must be notified in writing within 28 days by the notifier, other importer or manufacturer:

Under Section 64(1) of the Act; if

- the polymer has a number-average molecular weight of less than 1000;

or

Under Section 64(2) of the Act; if

- the function or use of the chemical has changed from a hard surface cleaner additive, or is likely to change significantly;
- the amount of chemical being introduced has increased from 15 tonnes, or is likely to increase, significantly;
- if the chemical has begun to be manufactured in Australia;
- additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

The Director will then decide whether a reassessment (i.e. call for a secondary notification application) is required.

15 PUBLICATION SUMMARY REPORT

Chemical A in Bonjet Black 818 Summary Report Reference No: STD/1036

Epson Australia Pty Ltd (ABN 91 002 625 783) of 3 Talavera Rd, North Ryde NSW 2113 has submitted a standard notification statement in support of their application for an assessment certificate for "Chemical A in Bonjet Black 818". The notified chemical is intended to be used as a component of inkjet printer inks, Australia-wide. Less than one tonne of the notified chemical will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

Based on the available data the notified chemical is classified as hazardous under the NOHSC *Approved Criteria for Classifying Hazardous Substances*. The classification and labelling details are:

- R2 Risk of explosion by shock, friction, fire or other sources of ignition
- R22 Harmful if swallowed
- R48/22 Harmful: Danger of serious damage to health by prolonged exposure if swallowed
- R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
- R62 Possible risk of impaired fertility
- S35 This material and its container must be disposed of in a safe way.
- S36/37 Wear suitable protective clothing and gloves
- S61 Avoid release to the environment. Refer to special instructions/safety data sheets.

and

As a comparison only, the classification of the notified chemical using the Globally Harmonised System for the Classification and Labelling of Chemicals (GHS) (United Nations 2003) is presented below. This system is not mandated in Australia and carries no legal status but is presented for information purposes.

	<i>Hazard category</i>	<i>Hazard statement</i>
Human Health	4	Harmful if swallowed
Human Health	1B	May damage fertility
Environment	Acute 3	Hazardous to the aquatic environment

Occupational Health and Safety

Under the conditions of the occupational settings described, the risk to workers is considered acceptable.

Public Health

When used in the proposed manner the risk to the public is considered acceptable.

Environmental Effects

On the basis of the PEC/PNEC ratio, the chemical is not considered to pose a risk to the environment based on its reported use pattern.

RECOMMENDATIONS

Regulatory Controls

Hazard Classification and Labelling

- The Office of the ASCC, Department of Employment and Workplace Relations (DEWR), should consider the following health, environmental and physicochemical hazard classifications for the notified chemical:
 - *R2 Risk of explosion by shock, friction, fire or other sources of ignition*
 - *R22 Harmful if swallowed*
 - *R48/22 Harmful: Danger of serious damage to health by prolonged exposure if swallowed*
 - *R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment*
 - *R62 Possible risk of impaired fertility*
 - *S35 This material and its container must be disposed of in a safe way.*
 - *S36/37 Wear suitable protective clothing and gloves*
 - *S61 Avoid release to the environment. Refer to special instructions/safety data sheets.*

Control Measures

Occupational Health and Safety

- A copy of the MSDS should be easily accessible to employees.
- Service personnel should wear cotton or disposable gloves during routine maintenance and repairs of inkjet printers.
- If products and mixtures containing the notified chemical are classified as hazardous to health in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances*, workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Public Health

- Products containing the notified chemical should be labelled with the following safety direction:
 - Avoid skin or eye contact with ink.

Disposal

- The notified chemical should be disposed of by as domestic waste.

Emergency procedures

- Spills or accidental release of the notified chemical should be handled by soaking up with damp cloth and placing in a suitable container for disposal. For large spills physically contain (by diking, etc.) and adsorb with inert material (sand, vermiculite etc) and place in suitable container for disposal.

Secondary Notification

This risk assessment is based on the information available at the time of notification. The Director may call for the reassessment of the chemical under secondary notification provisions based on changes in certain circumstances. Under Section 64 of the *Industrial Chemicals (Notification and Assessment) Act (1989)* the notifier, as well as any other importer or manufacturer of the notified chemical, have post-assessment regulatory obligations to notify NICNAS when any of these circumstances change. These obligations apply regardless of whether the notified chemical has been listed on the Australian Inventory of Chemical Substances (AICS).

Therefore, the Director must be notified in writing within 28 days by the notifier, other importer or manufacturer:

Under Section 64(1) of the Act; if

- the importation volume exceeds one tonne per annum notified chemical; or
- if the notified chemical is imported in any fashion other than within an inkjet ink cartridge.
- any additional mutagenicity test data is to be provided to NICNAS when it is available.

Under Section 64(2) of the Act; if

- the function or use of the chemical as a component of inkjet printer inks has changed, or is likely to change significantly;
- the amount of chemical being introduced has increased, or is likely to increase, significantly;
- if the chemical has begun to be manufactured in Australia;
- additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

The Director will then decide whether a reassessment (i.e. a secondary notification and assessment) is required.

16 PUBLICATION SUMMARY REPORT

**Desmophen NH1520/Chemical in Desmophen NH 1521
Summary Report
Reference No: STD/1176**

Bayer Australia Limited (ABN 22 000 138 714) of 500 Wellington Road, Mulgrave North, VIC, 3170 has submitted a standard notification statement in support of their application for an assessment certificate for Desmophen NH1520/Chemical in Desmophen NH 1521. The notified chemical is intended to be used as a paint thinner in paints for maintenance, automotive and light industrial applications.. Paint formulation and application will occur in Australia. Up to 50 tonnes of the notified chemical will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS**Hazard Assessment**

Based on the available data the notified chemical is classified as hazardous under the NOHSC *Approved Criteria for Classifying Hazardous Substances*. The classification and labelling details are:

- (Xi) Irritant: R43 May cause sensitisation by skin contact

As the notified chemical is classified as a skin sensitiser and there is potential for inhalation exposure during spraying, the following classification and labelling details should also be used as a precautionary measure:

- (Xn) Harmful: R42 May cause sensitisation by inhalation

Occupational Health and Safety*Paint Formulation, Automotive and Floor Coating Application*

There is Moderate Concern to occupational health and safety under the conditions of the occupational settings described due to the potential for skin and respiratory sensitisation. This concern is reduced by the use of engineering controls and recommended PPE.

Maintenance Applications (metal or concrete substrates)

There is High Concern to occupational health and safety under the conditions of the occupational settings described due to the potential for skin and respiratory sensitisation and the lack of hierarchy of controls.

Public Health*Automotive and Floor Coating Application*

There is Negligible Concern to public health when used in the proposed manner.

Maintenance Applications (metal or concrete substrates)

There is No Significant Concern to public health when used in the proposed manner however the risk of a sensitisation response cannot be ruled out.

Environmental Effects

The chemical is not considered to pose a risk to the environment based on its reported use pattern.

RECOMMENDATIONS

Regulatory Controls

Hazard Classification and Labelling

- The ASCC Chemicals Standards Sub-committee should consider the following health hazard classification for the notified chemical:
 - R43 May cause sensitisation by skin contact.
- Use the following risk phrases for products/mixtures containing the notified chemical:
 - Conc \geq 1%: R43 May cause sensitisation by skin contact
 - Conc \geq 1%: R42 May cause sensitisation by inhalation
- The following safety phrases should appear on the MSDS and label for the notified chemical:
 - S23 Do not breathe spray
 - S24 Avoid skin contact
 - S36/37 Wear suitable protective clothing/gloves
 - S51: Use only in well-ventilated areas

Health Surveillance

- As the notified chemical is a skin sensitiser and potential respiratory sensitiser employers should carry out health surveillance for any worker who has been identified in the workplace risk assessment as having a significant risk of sensitisation. Workers who become sensitised to the notified chemical should be transferred to another workplace/not continue to handle the chemical.

Control Measures

Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to the notified chemical as introduced and in the formulated paint product:
 - Avoid generation of aerosols during paint formulation and preparation
 - Spray application should be carried out in an enclosed automated spray booth except where not practicable
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical as introduced and in the formulated paint product:
 - Avoid skin and eye contact
 - Avoid breathing spray
 - Use of spray paints containing the notified chemical should be accordance with the NOHSC National Guidance Material for Spray Painting (NOHSC, 1999) or relevant State and Territory Codes of Practice.

- Proper induction training and general training of workers about the potential hazards of spraying with paint containing the notified chemical and in the safe work practices to minimise exposure
- Restrict access to spray painting areas
- Care must be taken to avoid exposure to spray drift
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical as introduced and in the formulated paint product:
 - Impermeable gloves;
 - Coveralls;
 - Eye protection;
 - Suitable respirators where inhalation exposure is possible

Guidance in selection of personal protective equipment can be obtained from Australian, Australian/New Zealand or other approved standards.

- Atmospheric monitoring should be conducted to measure workplace concentrations of the notified chemical during outdoor spray application of paint containing the notified chemical to large areas. It is recommended that this monitoring is combined with health surveillance monitoring.
- The notified chemical as introduced should be handled consistent with provisions of State and Territory legislation regarding the Handling of Combustible and Flammable Liquids.
- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified chemical are classified as hazardous to health in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances*, workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Public Health

- The employer should implement measures to minimise public exposure to the notified chemical during outdoor spray application, including:
 - establishment of an appropriate spray paint exclusion zone
 - public access to applied areas must be restricted until the paint is completely dry
 - restriction of spraying under certain weather conditions to minimise spray drift e.g. high winds
 - conduct of spraying away from the boundary to adjacent premises or where car parks and other sensitive property is located.

Environment

- The following control measures should be implemented by end users to minimise environmental exposure during use of the notified chemical:

- Do not allow material or contaminated packaging to enter drains, sewers or water courses

Disposal

- Wastes generated during industrial application should be disposed of through a licensed waste contractor.

Storage

- The notified chemical as introduced should be stored consistent with provisions of State and Territory legislation regarding the Storage of Combustible and Flammable Liquids.

Emergency procedures

- Spills/release of the notified chemical should be handled by absorbing onto an inert material, scooping up and placing in marked containers for disposal.

Secondary Notification

The Director of Chemicals Notification and Assessment must be notified in writing within 28 days by the notifier, other importer or manufacturer:

Under Section 64(1) of the Act; if

- any atmospheric monitoring data for spray application becomes available.
- any health surveillance data for the notified chemical becomes available

or

Under Section 64(2) of the Act:

- if any of the circumstances listed in the subsection arise.

The Director will then decide whether secondary notification is required.

17 PUBLICATION SUMMARY REPORT

Sovermol 750 Summary Report Reference No: STD/1220

Cognis Australia Pty Ltd (ABN 87 006 374 456) of 4 Saligna Drive Tullamarine VIC 3047 has submitted a standard notification statement in support of their application for an assessment certificate for Sovermol 750. The notified chemical is intended to be used as an ingredient for use in industrial surface coatings. Up to 10 tonnes of the notified chemical will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

Based on the available data the notified chemical is not classified as hazardous under the NOHSC *Approved Criteria for Classifying Hazardous Substances*.

Occupational Health and Safety

Under the conditions of the occupational settings described, the risk to workers is considered to be acceptable.

Public Health

When used in the proposed manner the risk to the public is considered to be acceptable.

Environmental Effects

The chemical is not considered to pose a risk to the environment based on its reported use pattern.

RECOMMENDATIONS

Control Measures

Occupational Health and Safety

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical as introduced, and in the coating formulation:
 - Avoid eye contact
 - Avoid skin contact

- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical as introduced, and in the coating formulation:
 - Protective eyewear
 - Impervious gloves
 - Protective clothing

Guidance in selection of personal protective equipment can be obtained from Australian, Australian/New Zealand or other approved standards.

- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified chemical are classified as hazardous to health in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances*, workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Disposal

- The notified chemical should be disposed of by landfill or incineration.

Emergency procedures

- Spills or accidental release of the notified chemical should be handled by removing it with liquid-absorbing material (sand, peat and sawdust) and be incinerated with the approval of a local authority.

Secondary Notification

This risk assessment is based on the information available at the time of notification. If the circumstances under which the notified chemical was assessed change a reassessment may be needed. Under the *Industrial Chemicals (Notification and Assessment) Act (1989)* the notifier, as well as any other importer or manufacturer of the notified chemical, have post-assessment regulatory obligations to notify NICNAS when any of these circumstances change. These obligations apply even when the notified chemical is listed on the Australian Inventory of Chemical Substances (AICS).

Therefore, the Director of Chemicals Notification and Assessment must be notified in writing within 28 days by the notifier, other importer or manufacturer:

Under Section 64(2) of the Act; if

- the function or use of the chemical has changed from industrial surface coatings, or is likely to change significantly;
- the amount of chemical being introduced has increased from 10 tonnes, or is likely to increase, significantly;
- if the chemical has begun to be manufactured in Australia;
- additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

The Director will then decide whether a reassessment (i.e. a secondary notification and assessment) is required.

No additional secondary notification conditions are stipulated.

18 PUBLICATION SUMMARY REPORT

Chemical B in Bonjet Black 818 Summary Report Reference No: STD/1242

Epson Australia Pty Ltd (ABN 91 002 625 783) of 3 Talavera Rd, North Ryde NSW 2113 has submitted a standard notification statement in support of their application for an assessment certificate for "Chemical B in Bonjet Black 818". The notified chemical is intended to be used as a component of inkjet printer inks, Australia-wide. Less than one tonne of the notified chemical will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

Based on the available data the notified chemical is classified as hazardous under the NOHSC *Approved Criteria for Classifying Hazardous Substances*. The classification and labelling details are:

- R2 Risk of explosion by shock, friction, fire or other sources of ignition
- R22 Harmful if swallowed
- R48/22 Harmful: Danger of serious damage to health by prolonged exposure if swallowed
- R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
- R62 Possible risk of impaired fertility
- S35 This material and its container must be disposed of in a safe way.
- S36/37 Wear suitable protective clothing and gloves
- S61 Avoid release to the environment. Refer to special instructions/safety data sheets.

and

As a comparison only, the classification of the notified chemical using the Globally Harmonised System for the Classification and Labelling of Chemicals (GHS) (United Nations 2003) is presented below. This system is not mandated in Australia and carries no legal status but is presented for information purposes.

	<i>Hazard category</i>	<i>Hazard statement</i>
Human Health	4	Harmful if swallowed
Human Health	1B	May damage fertility
Environment	Acute 3	Hazardous to the aquatic environment

Occupational Health and Safety

Under the conditions of the occupational settings described, the risk to workers is considered acceptable.

Public Health

When used in the proposed manner the risk to the public is considered acceptable.

Environmental Effects

On the basis of the PEC/PNEC ratio, the chemical is not considered to pose a risk to the environment based on its reported use pattern.

RECOMMENDATIONS

Regulatory Controls

Hazard Classification and Labelling

- The Office of the ASCC, Department of Employment and Workplace Relations (DEWR), should consider the following health, environmental and physicochemical hazard classifications for the notified chemical:
 - R2 Risk of explosion by shock, friction, fire or other sources of ignition
 - R22 Harmful if swallowed
 - R48/22 Harmful: Danger of serious damage to health by prolonged exposure if swallowed
 - R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
 - R62 Possible risk of impaired fertility
 - S35 This material and its container must be disposed of in a safe way.
 - S36/37 Wear suitable protective clothing and gloves
 - S61 Avoid release to the environment. Refer to special instructions/safety data sheets.

Control Measures

Occupational Health and Safety

- A copy of the MSDS should be easily accessible to employees.
- Service personnel should wear cotton or disposable gloves during routine maintenance and repairs of inkjet printers.
- If products and mixtures containing the notified chemical are classified as hazardous to health in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances*, workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Public Health

- Products containing the notified chemical should be labelled with the following safety direction:
 - Avoid skin or eye contact with ink.

Disposal

- The notified chemical should be disposed of by as domestic waste.

Emergency procedures

- Spills or accidental release of the notified chemical should be handled by soaking up with damp cloth and placing in a suitable container for disposal. For large spills physically contain (by diking, etc.) and adsorb with inert material (sand, vermiculite etc) and place in suitable container for disposal.

Secondary Notification

This risk assessment is based on the information available at the time of notification. The Director may call for the reassessment of the chemical under secondary notification provisions based on changes in certain circumstances. Under Section 64 of the *Industrial Chemicals (Notification and Assessment) Act (1989)* the notifier, as well as any other importer or manufacturer of the notified chemical, have post-assessment regulatory obligations to notify NICNAS when any of these circumstances change. These obligations apply regardless of whether the notified chemical has been listed on the Australian Inventory of Chemical Substances (AICS).

Therefore, the Director must be notified in writing within 28 days by the notifier, other importer or manufacturer:

Under Section 64(1) of the Act; if

- the importation volume exceeds one tonne per annum notified chemical; or
- if the notified chemical is imported in any fashion other than within an inkjet ink cartridge.
- any additional mutagenicity test data is to be provided to NICNAS when it is available.

Under Section 64(2) of the Act; if

- the function or use of the chemical as a component of inkjet printer inks has changed, or is likely to change significantly;
- the amount of chemical being introduced has increased, or is likely to increase, significantly;
- if the chemical has begun to be manufactured in Australia;
- additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

The Director will then decide whether a reassessment (i.e. a secondary notification and assessment) is required.

19 PUBLICATION SUMMARY REPORT

**Pullulan
Summary Report
Reference No: PLC/693**

Hayashibara International Australia Pty Ltd (ABN 61 120 127 488) of Level 31, ABN AMRO Tower, 88 Phillip St Sydney NSW 2000 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Pullulan. The notified polymer is intended to be used as a component of biodegradable articles, and cosmetic and personal care products. 0.5 tonnes of the notified polymer will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS**Hazard Assessment**

The notified polymer meets the PLC criteria and can therefore be considered to be of low hazard. This is supported by toxicological endpoints observed in testing conducted on the notified polymer.

Occupational Health and Safety

There is Low Concern to occupational health and safety under the conditions of the occupational settings described.

Public Health

There is No Significant Concern to public health when used in the proposed manner.

Environmental Effects

The polymer is not considered to pose a risk to the environment based on its reported use pattern.

RECOMMENDATIONS*Control Measures***Occupational Health and Safety**

- No specific engineering controls, work practices or personal protective equipment are required for the safe use of the notified polymer itself, however, these should be selected on the basis of all ingredients in the formulation.

Guidance in selection of personal protective equipment can be obtained from Australian, Australian/New Zealand or other approved standards.

- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the NOHSC *Approved Criteria for Classifying Hazardous*

Substances, workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Disposal

- The notified polymer should be disposed of by authorised landfill.

Emergency procedures

- Spills and/or accidental release of the notified polymer should be handled by removing possible leaking containers and sweeping up spills for reuse to the extent practicable or disposal. Wash the area with water.

Secondary Notification

The Director of Chemicals Notification and Assessment must be notified in writing within 28 days by the notifier, other importer or manufacturer:

Under subsection 64(1) of the Act; if

- the notified polymer is introduced in a chemical form that does not meet the PLC criteria.

or

Under subsection 64(2) of the Act:

- if any of the circumstances listed in the subsection arise.

The Director will then decide whether secondary notification is required.

20 PUBLICATION SUMMARY REPORT

**Polydrill
Summary Report
Reference No: PLC/702**

Rheochem Limited (ABN 11 099 949 452) of 1 Keegan Street O'Connor WA 6163 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polydrill. The notified polymer is intended to be used as drilling fluid additive for oil and gas exploration at onshore drilling sites in South Australia. Up to 40 tonnes of the notified polymer will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS**Hazard Assessment**

No toxicological data were submitted. The notified polymer meets the PLC criteria and can therefore be considered to be of low hazard. This is consistent with the stated results of in-house tests for the notified polymer that indicate low hazard.

The notified polymer is a water soluble powder with <10% of respirable particles of <10 µm. The USEPA does not expect water-soluble polymers to exhibit lung toxicity because they are expected to rapidly clear the respiratory tract. However, high exposure could cause lung congestion.

Occupational Health and Safety

There is Low Concern to occupational health and safety under the conditions of the occupational settings described.

Public Health

There is Negligible Concern to public health when used in the proposed manner.

Environmental Effects

The polymer is not considered to pose a risk to the environment based on its reported use pattern.

RECOMMENDATIONS*Control Measures***Occupational Health and Safety**

- No other specific engineering controls, work practices or personal protective equipment are required for the safe use of the notified polymer itself during manufacture and reformulation, however, these should be selected on the basis of all ingredients in the formulation.

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified polymer as introduced and in formulated paint products:
 - Avoid breathing aerosol
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer during use:
 - Suitable respirators during handling of the polymer powder

Guidance in selection of personal protective equipment can be obtained from Australian, Australian/New Zealand or other approved standards.

- The level of atmospheric nuisance dust during use of the notified polymer should be maintained as low as possible. The NOHSC exposure standard for atmospheric dust is 10 mg/m³.
- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances*, workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Environment

Disposal

- The notified polymer can be land filled or incinerated, when in compliance with local regulations. Packaging that cannot be cleaned must be disposed off in the same way as the notified polymer.

Storage

- Keep in tightly closed container. Store in a cool dry well ventilated area.

Emergency procedures

- Spills and/or accidental release of the notified polymer should be handled by avoiding dust formation. Keep away from heat and sources of ignition.

Secondary Notification

The Director of Chemicals Notification and Assessment must be notified in writing within 28 days by the notifier, other importer or manufacturer:

Under subsection 64(1) of the Act; if

- the notified polymer is introduced in a chemical form that does not meet the PLC criteria.
- if use in offshore drilling sites is proposed.

or

Under subsection 64(2) of the Act:

- if any of the circumstances listed in the subsection arise.

The Director will then decide whether secondary notification is required.

21 PUBLICATION SUMMARY REPORT

Polymer in Infineum C9290 Summary Report Reference No: SAPLC/65

Infineum Australia Pty Ltd (ABN 24 084 881 863) of Level 2, 6 Riverside Quay, Southbank VIC 3006 has submitted a polymer of low concern (PLC) notification statement in support of their application for a self-assessed assessment certificate for Polymer in Infineum C9290. The notified polymer is intended to be used as an effective lubricant additive component and is used together with other components to formulate lubricant engine oil. It is present at concentrations at <10% in lubricant engine oil. Up to 20,000 tonnes of the notified polymer will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

The notified polymer meets the PLC criteria and can therefore be considered to be of low hazard. This is supported by toxicological endpoints observed in testing conducted on the notified polymer (a 30-70% concentrate).

Occupational Health and Safety

There is Low Concern to occupational health and safety under the conditions of the occupational settings described.

Public Health

There is No Significant Concern to public health when used in the proposed manner.

Environmental Effects

The notified polymer is not considered to pose a risk to the environment based on its reported use pattern.

RECOMMENDATIONS

Control Measures

Occupational Health and Safety

- No specific engineering controls, work practices or personal protective equipment are required for the safe use of the notified polymer itself, however, these should be selected on the basis of all ingredients in the formulation.

Guidance in selection of personal protective equipment can be obtained from Australian, Australian/New Zealand or other approved standards.

- A copy of the MSDS should be easily accessible to employees. Refer to the MSDS for personal protective equipment recommendations.

- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances*, workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Environment

- The following control measures should be implemented by customers' site to minimise environmental exposure during *use* of the notified polymer:
 - Bunding

Disposal

- The notified polymer should be disposed of by supervised incineration at very high temperatures to prevent formation of undesirable combustion products. Accident leaks and spillage should be cleaned up promptly with absorbent and put into containers for disposal. The empty drums and their residues should be disposed in accordance with government regulations.

Emergency procedures

- Spills/release of the notified polymer should be handled by recovery and/or confinement of spills where possible.
- For small land spills, absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. If liquid is too viscous for pumping, shovel it up into a suitable container for recycle or disposal.
- For water spills, confine spill immediately with booms. Warn other shipping. Remove from the surface by skimming or with suitable absorbent. Report spills as required to appropriate authorities.

Secondary Notification

The Director of Chemicals Notification and Assessment must be notified in writing within 28 days by the notifier, other importer or manufacturer:

Under subsection 64(1) of the Act; if

- the notified polymer is introduced in a chemical form that does not meet the PLC criteria.

or

Under subsection 64(2) of the Act:

- if any of the circumstances listed in the subsection arise.

The Director will then decide whether secondary notification is required.

22 ACCESS TO FULL PUBLIC REPORT

NICNAS publishes a Full Public Report for each new chemical assessed. These reports are available for inspection at our NICNAS office by appointment only at 334-336 Illawarra Road, Marrickville NSW 2204.

Reports can also be viewed and downloaded free of charge from our website at <http://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 8870 or fax: (02) 8577 8888.

23 LOW VOLUME CATEGORY PERMITS

The permits listed in Table 1 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 1
Low Volume Category Permits

PERMIT NUMBER	COMPANY NAME	COMPANY POSTCODE	CHEMICAL OR TRADE NAME	HAZARDOUS SUBSTANCE	USE	DATE
767 (Renewal)	Epson Australia Pty Ltd	2113	M Polymer	ND	Inkjet Cartridge	03/07/07
768 (Renewal)	Epson Australia Pty Ltd	2113	NEJI-1	ND	Inkjet Cartridge	03/07/07
769 (Renewal)	Epson Australia Pty Ltd	2113	NEJI-2	ND	Inkjet Cartridge	03/07/07
770	Lanxess Pty Ltd	2127	Fluorosurfactant in Bayowet FT 248R	ND	Wetting agent to suppress spray mist in hand & decorative chromium electroplating	03/07/07
771	Canon Australia Pty Ltd	2113	GBK4	ND	Component of Inkjet Printer Inks	03/07/07
772	Canon Australia Pty Ltd	2113	C-BW1	ND	Component of Inkjet Printer Inks	03/07/07
773	Canon Australia Pty Ltd	2113	C-Ya	ND	Component of Inkjet Printer Inks	03/07/07

774 (Renewal)	Givaudan Australia Pty Limited	2128	2-Acetyl- 1,2,3,4,5,6,7,8- octahydro-2,3,8,8 (or 1,2,8,8)-tetra methylnaphalene (Georgywood)	ND	Fragrance Ingredient	03/07/07
775	Canon Australia Pty Ltd	2113	C-M5	ND	Component of Inkjet Printer Inks	03/07/07
777	Canon Australia Pty Ltd	2113	C-C1	ND	Component in inkjet printer ink	25/06/07

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

24 COMMERCIAL EVALUATION CATEGORY PERMIT

The permits listed in Table 2 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 2
Commercial Evaluation Category Permits

PERMIT NUMBER	COMPANY NAME	COMPANY POSTCODE	CHEMICAL OR TRADE NAME	HAZARDOUS SUBSTANCE	QUANTITY	USE	PERIOD APPROVED
694	H B Fuller Company Pty Ltd	3175	Polymer in TL5606DB	Yes	4000 kg	Component of hot melt adhesive for use in textiles	2 yrs
695	Clariant (Australia) Pty Ltd	3148	Polymer in Aqualen top 2004-a	ND	2000 kg	Component of leather finishes	2 yrs
696	Chemiplas Australia Pty Ltd	3002	Polymer in phobol xan	ND	4000 kg	Water/Oil repelling agent for synthetic fibres	2 yrs

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

25 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
498	Lubrizol International Inc	Polymer in Zinpol 146	Component in Metallic Inks
499	Niche Creation Network Pty Ltd	EX854, XEP-854, EX861, XEP-861	Processing aid in the manufacture of food packaging material
500	Epson Australia Pty Ltd	NEJI-19	Ink additive
501	BASF Australia Pty Ltd	Hexamoll DINCH	Plasticiser and impact modifier for plastics in food contact applications

26 CONTROLLED USE PERMIT (EXPORT ONLY)

The permits listed in Table 4 were issued to import or manufacture the following chemicals for export of the entire quantity under section 22F of the Industrial Chemicals (Notification and Assessment) Act 1989.

Table 4
Controlled Use Permit

Permit Number	Company Name	Post Code	Chemical and Trade Name	Hazardous Substances	Quantity KG/Year	Use	Period Approved Months
004	Ciba Specialty Chemicals Pty Ltd	3074	Polymer in EFKA-3570	ND	960 kg	Slip and levelling agent for water based paints and surface coatings	36 months
005	H B Fuller Company Australia Pty Ltd	3175	FH3542A	Yes	500 kg	Component of an elastomer used to encapsulate components of marine geophysical survey equipment	36 months

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

**27 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 5

Chemicals Eligible for Listing on the Australian Inventory of Chemical Substances

CHEMICAL NAME	MOLECULAR FORMULA	CAS NUMBER
2-propenoic acid, 2-methyl-, polymer with 1,1-dimethylethyl 2-propenoate and ethyl 2-propenoate	$(C_7H_{12}O_2.C_5H_8O_2.C_4H_6O_2)_x$	159666-35-0
neononanoic acid, ethenyl ester, polymer with ethenyl acetate and 1-ethenyl-2-pyrrolidinone	$(C_{11}H_{20}O_2.C_6H_9NO.C_4H_6O_2)_x$	234079-43-7
2-Propenoic acid, polymer with sodium 4-ethenylbenzenesulfonate (1:1), sodium (disulfite) (2:1)- and peroxydisulfuric acid $[(OH)S(O)_2]_2O_2$ ammonium salt (1:2)-initiated	Unspecified	935545-57-6
Soybean oil, hydrogenated, polymer with ethylene glycol, pentaerythritol, stearic acid, terephthalic acid and trimellitic anhydride	Unspecified	913547-38-3
Siloxanes and Silicones, di-Me, polymers with Me silsesquioxanes, hydroxy-terminated, reaction products with Me methoxy siloxanes-Me silsesquioxanes polymers, trimethoxymethylsilane, 3-(trimethoxysilyl)-1-propanamine and N1-[3-(trimethoxysilyl)propyl]-1,2-ethanediamine	Unspecified	935545-63-4
2-Oxepanone, polymer with 2,4-diisocyanato-1-methylbenzene and N1,N1-dimethyl-1,3-propanediamine, polyethylene glycol mono-Me ether-blocked	Unspecified	935545-58-7
1,3-Benzenedicarboxylic acid, polymer with 1,4-cyclohexanedimethanol and dimethyl 1,4-benzenedicarboxylate	$(C_{10}H_{10}O_4.C_8H_{16}O_2.C_8H_6O_4)_x$	245106-28-9

28 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).

Table 6

CAS number	Current chemical name	Correct chemical name
85085-48-9	Maleleuca alternifolia, extract	Melaleuca alternifolia, extract

29 NOTICE OF CHEMICALS ELIGIBLE FOR IMMEDIATE LISTING ON THE AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES AFTER ISSUING OF ASSESSMENT CERTIFICATES

Notice is given in accordance with section 13B of the *Industrial Chemicals (Notification and Assessment) Act 1989*, that the following chemicals have been added to the Australian Inventory of Chemical Substances.

Table 7

Chemicals Eligible for Immediate Listing on the Australian Inventory of Chemical Substances

CHEMICAL NAME	MOLECULAR FORMULA	CAS NUMBER
Pullulan	Unspecified	9057-02-7