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Gazette

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Australian Government

Department of Health and Ageing National Industrial Chemicals Notification and Assessment Scheme 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.

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1 METHYL METHACRYLATE AND ETHYL METHACRYLATE – CALL FOR INFORMATION

The Director of the National Industrial Chemicals Notification and Assessment Scheme (NICNAS) is seeking information under section 48 of the *Industrial Chemicals (Notification and Assessment) Act 1989* (the Act) on the following chemicals in cosmetics, due to potential health concerns:

Chemical Name	Other Names	CAS Number
2-propenoic acid, 2-methyl-, methyl ester	Methyl methacrylate	80-62-6
2-propenoic acid, 2-methyl-, ethyl ester	Ethyl methacrylate	97-63-2

The information sought on these chemicals are:

- Quantities imported and/or manufactured in Australia for use in cosmetics in the period 1 July 2005 to 30 June 2006;
- Uses of the chemical in the cosmetic industry.

The information sought on products/mixtures containing the chemicals are:

- Name of the product/mixture;
- Chemical name and CAS number of the contained chemical;
- Quantities of product/mixture imported for cosmetic use in the period 1 July 2005 to 30 June 2006, and the concentration of chemical in the product;
- Uses of the product/mixture in the cosmetic industry.

This notice is directed to all persons who have manufactured or imported methyl methacrylate or ethyl methacrylate and/or products/mixtures containing these chemicals for cosmetic use during the past 12 months. Any other persons with information on these chemicals, including users, past importers or manufacturers, are encouraged to provide this information.

Responses on the chemicals are required on the attached form. A separate form should be completed for each chemical. **The due date for responses is 2 August 2006.**

The penalty for non-compliance with this notice is up to \$33,000. In accordance with section 50 of the Act, the information may be accompanied by an application that some or all of the information provided be treated as exempt information. Application forms may be obtained from Ms Natalie Hitoun on 02 8577 8885 or via the NICNAS website at:

http://www.nicnas.gov.au/Forms/Existing_Chemicals/Form3_Word.doc

The collected information will assist NICNAS in determining further regulatory activity. Further information can be obtained from Mr Stephen Zaluzny (Tel: 02 8577 8883 or email stephen.zaluzny@nicnas.gov.au).

Please complete the appropriate forms by 2 August 2006 and forward to:

Ms Natalie Hitoun
Review and Treaties
NICNAS
G P O Box 58
Sydney
NSW 2001

**RESPONSE TO SECTION 48 NOTICE – METHYL METHACRYLATE AND
ETHYL METHACRYLATE**

Please use a separate form for each chemical.

Company Name: _____

Address: _____

Contact name: _____

Phone Number: _____ Fax Number: _____

Email: _____

Details of Chemical

Chemical Name:

Product or Trade Name:

Chemical Abstract Services Number (CAS No.):

1. Do you manufacture the above chemical for cosmetic use? (Please circle) Y/N

If yes, please provide an estimate of the quantity you manufacture (tonnes/year)

Tonnes/year: _____

2. Do you import the chemical for cosmetic use? Y/N

If yes, please provide an estimate of the quantities of chemical you import (tonnes/year)

Tonnes/year: _____

3. Do you import products (mixtures) containing this chemical for cosmetic use? Y/N

Please indicate the product(s) you **import** containing the chemical and the total tonnage of chemical in each product, also state the concentration of the chemical in the product:

Name of Product (Description of Product)	Tonnes chemical/year	Concentration in Product
---	----------------------	--------------------------

4. Do you manufacture or formulate cosmetic products containing this chemical? Y/N

Please indicate the product(s) you **manufacture or formulate** containing the chemical and the total tonnage of chemical in each product, also state the concentration of the chemical in the product:

Name of Product (Description of Product)	Tonnes chemical/year	Concentration in Product
---	----------------------	--------------------------

5. What are the uses of the chemical/products?

Information collected by NICNAS may be provided to State, Territory or Commonwealth regulatory agencies for the purposes of monitoring compliance under relevant legislation. All information collected is treated in accordance with strict confidentiality guidelines and in compliance with the *Privacy Act 1988*.

Further information can be obtained from Mr Stephen Zaluzny (Tel: 02 85778883 or email stephen.zaluzny@nicnas.gov.au).

Is your company a small business with less than 20 employees? YES NO

If yes, please provide an estimate of the time taken to complete this form:
hrs mins

Thank-you. Please send the completed form to:

Ms Natalie Hitoun
Review and Treaties
NICNAS
GPO Box 58
Sydney NSW 2001

2 LOW VOLUME CHEMICAL PERMITS IN FORCE AS AT 30 JUNE 2006

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
538	Cis-6-nonenyl acetate	International Flavours & Fragrances Aust Pty Ltd	10/07/03
539	Polymer in Liquitint Red ST	Asia Pacific Specialty Chemicals Ltd	10/07/03
540	Hydroxypropyl Bis (N-Hydroxyethyl-P-Phenylene diamine) HCl	Marigny (Australasia) Pty Ltd	14/07/03
541	Portulaca oleracea extract	Johnson & Johnson Pacific Pty Ltd	14/07/03
542	Imexine OBA	L'Oreal Australia Pty Ltd	14/07/03
543	Stearalkonium Bentonite	L'Oreal Australia Pty Ltd	24/07/03
544	Methylsilanol Mannuronate	L'Oreal Australia Pty Ltd	24/07/03
545	Florhydral	Givaudan Pty Ltd	07/08/03
546	Okoumal	Givaudan Pty Ltd	07/08/03
547	AKDE-3	Epson Australia Pty Ltd	07/08/03
548	FYS-109	Epson Australia Pty Ltd	14/08/03
549	Mysoral	Firmenich Limited	14/08/03
550	Quincester	Firmenich Limited	14/08/03
551	FYS-108	Epson Australia Pty Ltd	14/08/03
552	5-amino-6-chloro-o-cresol	Swift & Co Ltd	18/08/03
553	Phenol, 4-(butoxymethyl)-2-methoxy-	Johnson & Johnson Pacific Pty Ltd	21/08/04
554	Stabylen 30	Procter & Gamble Australia Pty Ltd	27/08/03
555		Owen Hellyer & Associates	
556	Belambre	Givaudan Pty Ltd	01/09/03
557	Floridile	Givaudan Pty Ltd	01/09/03
558	1-Propanesulphonic acid, 2,3-dihydroxy, mono-C ₁₀ -C ₁₆ -alkyl ethers, sodium salts	Energiser Australia Pty Ltd	04/09/03
559	Pharaone	Givaudan Pty Ltd	09/09/03
560	Poly(oxy-1,2-ethanediyl), α , α' , α'' -1,2,3-propanetriyltris [ω -(acetyloxy)-	Bronson & Jacobs Pty Ltd	09/09/03
561		Avon Products Pty Ltd	

562	Indenol [4,5-D] -1,3-dioxin, 4,4A, 5,6,7,8,9,9B-octahydro, 7,7,8,9,9-pentamethyl-	International Flavours & Fragrances Aust Pty Ltd	17/09/03
563	Sclareolate	Firmenich Limited	18/09/03
564	Lilyflore	Firmenich Limited	18/09/03
565	Vertoxime	Firmenich Limited	18/09/03
566	Hivernal	Firmenich Limited	18/09/03
567	Rosoxime	Firmenich Limited	18/09/03
568	Aladinate	Firmenich Limited	18/09/03
569	Protein hydrolysates, oat, palmitoyl derivatives, potassium salts	Johnson & Johnson Pacific Pty Ltd	26/09/03
570	DP7004	DuPont (Australia) Pty Ltd	26/09/03
571		Hewlett Packard Australia Pty Ltd	
572	Merquat 2001	Amway of Australia	29/09/03
573	Aldolone	Firmenich Limited	17/10/03
574	Component of Liquitint Yellow LP	Nuplex Industries (Aust) Pty Ltd	17/10/03
575	Centifolether	Firmenich Limited	17/10/03
576	Cyclopentol	Firmenich Limited	16/10/03
577	Jasmonitrile	Firmenich Limited	16/10/03
578	Dye 002	Canon Australia Pty Ltd	27/10/03
579	Saxifraga Stolonifera, ext	Johnson & Johnson Pacific Pty Ltd	23/10/03
580	Scutellaria Extract	Johnson & Johnson Pacific Pty Ltd	24/10/03
581	Polypropylene terephthalate	Johnson & Johnson Pacific Pty Ltd	24/10/03
582	Dispersing agent WIN	Clariant (Australia) Pty Ltd	31/10/03
583	2,6-di(2- hydroxyethyl)aminotoluene (RODOL XDAT)	Cee-Chem Aust Pty Ltd	04/11/03
584	Chemical in Nexguard Products and R-4270	ONDEO-Nalco Australia Pty Ltd	10/11/03
585	12-hydroxyoctadecanoic acid ester with 2,2'-[oxybis (methylene)] bis[2- (hydroxymethyl)-1,3- propanediol] and isooctadecanoic acid	Trimex Pty Ltd	20/11/03

586	3-cyclopentene-1-butanal, alpha,2,2,3-tetramethyl- (Santaflour)	International Flavours & Fragrances (Aust) Ltd	02/12/03
587	Docosanoic acid, isohexadecyl ester	Unilever Australia	11/12/03
588	Thiocyanic acid, 3-(triethoxysilyl) propyl ester	Chemiplas Australia Pty Ltd	16/12/03
589		Degussa Australia Pty Ltd	16/12/03
590	MJA-549(N)	Epson Australia Pty Ltd	17/12/03
591	B-21825	Kodak (Australasia) Pty Ltd	13/01/04
592	Dodecanoic acid, 2-(1-carboxyethoxy)-1-methyl-2-oxoethyl, sodium salt	Unilever Australia Ltd	13/01/04
593	Decanoic acid, 2-(1-carboxyethoxy)-1-methyl-2-oxoethyl, sodium salt	Unilever Australia Ltd	13/01/04
594	Dodecanoic acid, monoester with decaglycerol	Jurlique International Pty Ltd	13/01/04
595	TMAS	Henkel Australia Pty Ltd	15/01/04
596	Pentanoic acid, 5,5'-[dithiobis(4,1-phenyleneimino)] bis [5-oxo-, disodium salt	Kodak (Australasia) Pty Ltd	15/01/04
597	Beta-alanine, N-(2-carboxyethyl)-N-(2-ethylhexyl)-, monosodium salt	Volkswagen Group Australia Pty Ltd	20/01/04
598	Dimethylpabaminopropyl Laurdimonium Tosylate	La Biosthetique Australia Pty Ltd	02/02/04
599	5-amino-6-chloro-o-cresol	La Biosthetique Australia Pty Ltd	03/02/04
600	Ammonium Thiolactate	La Biosthetique Australia Pty Ltd	17/02/04
601	218DO	Kodak (Australasia) Pty Ltd	20/02/04
602	TETT	Kodak (Australasia) Pty Ltd	03/03/04
603	NEJI-7	Epson Australia Pty Ltd	10/03/04
604	alpha-D-Glucopyranosiduronic acid, (3beta,20beta)-20-carboxy-11-oxo-30-norolean-12-en-3-yl 2-O-beta-D-glucopyranuronosyl-, dipotassium salt	Johnson & Johnson Pacific Pty Ltd	16/03/04
605	Polyglyceryl-2 isostearate	Shiseido (Australia) Pty Ltd	22/03/04

606	Breu wood resin	International Flavours & Fragrances Aust Pty Ltd	24/03/04
607	Vitreoscilla ferment	L'Oreal Australia Pty Ltd	26/03/04
608	Azurone	Givaudan Pty Ltd	26/03/04
609	Sanolin Blue EHRL	Clariant (Australia) Pty Ltd	07/04/04
610		Reckitt Benckiser (Australia) Pty Ltd	07/04/04
611	Rape seed oil polymer with tung oil	The Heat Group Pty Ltd	14/04/04
612	Cyperate	Givaudan Pty Ltd	19/04/04
613	Corps Guava	Firmenich Limited	20/04/04
614	2-amino-3-hydroxy pyridine	L'Oreal Australia Pty Ltd	20/04/04
615	Blue Hair Dye-1	Cosmetics Products (Wella) Pty Ltd	22/04/04
616	Blue Hair Dye 2	Cosmetic Products (Wella) Pty Ltd	22/04/04
617	Phenol, polymer with formaldehyde 2-hydroxy-3-[(1-oxo-2-propenyl)oxy] propylether, 4-cyclohexene-1,2-dicarboxylate	Chemgraph Australia Pty Ltd	07/05/04
618	NEJI-2	Epson Australia Pty Ltd	19/05/04
619	NEJI-1	Epson Australia Pty Ltd	19/05/04
620	M Polymer	Epson Australia Pty Ltd	19/05/04
621	SAB-2	Alberto Culver (Australia) Pty Ltd	20/05/04
622	PEG-20 Glyceryl triisostearate	Procter & Gamble Australia Pty Ltd	21/05/04
623	TMH Indone	International Flavours & Fragrances Aust Pty Ltd	02/06/04
624	Cyclohexadecanone	Symrise Pty Ltd	01/06/04
625	Georgywood	Givaudan Pty Ltd	08/06/04
626	947-98994 aquapel	PPG Industries Australia Pty Ltd	11/06/04
627	Hexanoic acid, 2-ethyl-, 1,2,3-propanetriyl ester	Procter & Gamble Australia Pty Ltd	17/06/04
628	Hexanoic acid, 2-ethyl-,2,2-dimethyl-1,3-propanediyl ester	Procter & Gamble Australia Pty Ltd	17/06/04
629	Essential oil of Xanthorrhoea preissii	Mt Romance Australia Pty Ltd	21/06/04
630	Transluzone	Firmenich Ltd	23/06/04
631	Doremox	Firmenich Ltd	23/6/04
632	Trifone	Firmenich Ltd	23/6/04
633	Fructopyridine	Firmenich Ltd	23/6/04
634	Vulcanolide	Firmenich Ltd	23/6/04

635	Myrrhone	Firmenich Ltd	23/6/04
636	Pyridine Orange	Firmenich Ltd	23/6/04
637	Vinnapas RE 523Z (ingredient)	Wacker Chemicals Australia Pty Ltd	070/7/04
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-B-G	Canon Australia Pty Ltd	14/07/04
643	C-RB	Canon Australia Pty Ltd	14/7/04
644	C-SR	Canon Australia Pty Ltd	14/7/05
645	Firwood	Firmenich Ltd	14/7/04
646	Random polymer of methyl acrylate, methyl methacrylate, methacrylic acid and polydimethylmercapto-propyl methyl silicone	L'Oreal Australia Pty Ltd	16/7/04
647	Ysamber k	International Flavours & Fragrances (Aust) Pty Ltd	19/7/04
648	Ambrocenide 10	International Flavours & Fragrances (Aust) Pty Ltd	19/7/04
649	Polymer in Z-56	Shell Company of Australia "SCCI"	20/7/04
650	Polymer in Z-57	Shell Company of Australia "SCCI"	20/7/04
651	K-9352	Konica Minolta Business Solutions Australia Pty Ltd	22/7/04
652	MJR 6580	Brother International	22/7/04
653	Polymer in Liquitint Brilliant Orange	Albright & Wilson (Australia) Limited	2/8/04
654		Nuplex Industries (Aust) Pty Ltd	2/8/04
655		Walk Off Mats Asia Pacific Pty Ltd	2/8/04
656	1,2-Propanediol, 3-((2-ethylhexyl)oxy)-	Trimex Pty Ltd	5/8/04
657	Quaternary ammonium compounds, ethyldimethylsoya alkyl, ethyl sulfates	Shell Company of Australia Ltd	5/8/04
658	Walnut Ester	Firmenich Limited	20/8/04
659	Polyquaternium 59	Trimex Pty Ltd	20/8/04

660	2,5-Furadione polymer with 2-methyl-1-propene, ethyl ester reaction product with N,N-dimethyl 1,3-propanediamine and polyethylene glycol 2-aminopropyl Me ether	ISP (Australasia) Pty Ltd	20/8/04
661	Chemical in Starpelx HD2	Caltex Australia Petroleum Pty Ltd	27/8/04
662	Chemical in Starplex HD2	Australasian Lubrication Manufacturing Company	27/8/04
663	XTJ-505 Additive	Dow Chemical (Aust) Ltd	10/9/04
664	XTJ-505 Additive	Castrol Aust Pty Ltd	10/9/04
665	Silane hexyltrimethoxy	Toyo Inks Australia Pty Ltd	28/9/04
666	HN-130	Chemetall (Australasia) Pty Ltd	30/9/04
667	Liojet WD Yellow 008C	Epson Australia Pty Ltd	30/9/04
669	Liojet WD Magenta 008C	Epson Australia Pty Ltd	30/9/04
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	7/1/05
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	7/1/05
675	Benzoic acid, 2-methyl-,methyl ester	International Flavours and Fragrances (Aust) Pty Ltd	20/1/05
676	3-Methyl cyclotetradec-5-en-1-one	Givaudan Australia Pty Ltd	24/2/05
677	Tiare Flower Absolute	International Flavours and Fragrances (Australia) Pty Ltd	28/2/05
678	3-7-Nonadien-2-ol,4,8-dimethyl-	International Flavours and Fragrances (Australia) Pty Ltd	13/4/05
679	12-methyl-9-tetradeca-14-olide (cis and trans)	Givaudan Pty Ltd	29/3/05
680	Methyl 4,7-octodienoate (E)	Givaudan Pty Ltd	29/3/05
681	3,7,11-trimethyl-6,10-dodecadienal	Givaudan Pty Ltd	29/3/05

682	6,7-epoxy-1,2,3,4,5,6,7,8-octahydro-1,1,2,4,4,7-hexamethylnaphthalene	Givaudan Pty Ltd	29/3/05
683	Propanedioic acid, 1-(3,3-dimethylcyclohexyl)ethyl ethyl ester	International Flavours and Fragrances (Australia) Pty Ltd	28/4/05
684	Alpinia Oil A	International Flavours and Fragrances (Australia) Pty Ltd	28/4/05
685	Oils, Persicaria odorata	International Flavours and Fragrances (Australia) Pty Ltd	28/4/05
686	Safraleine	Givaudan Pty Ltd	13/5/05
687	2-[(4-aminophenyl)azo]-1,3-dimethyl-1H-imidazolium chloride	La Biosthetique Australia Pty Ltd	3/6/05
688	NEJI-6	Epson Australia Pty Ltd	15/6/05
689	NEJI-5	Epson Australia Pty Ltd	15/6/05
690	2-[(4-aminophenyl)azo]-1,3-dimethyl-1H-imidazolium chloride	KPSS Australia Pty Ltd	21/6/05
691		Ciba Specialty Chemicals Pty Ltd	21/6/05
692		Henkel Australia Pty Ltd	21/6/05
693	NEJI-4	Epson Australia Pty Ltd	25/7/05
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	25/7/05
695 (Renewal)	Photosol 7-232 Photochromic Dye	Transitions Optical Pty Ltd	31/8/05
696	Lodyne 2000	Ciba Specialty Chemicals Pty Ltd	22/8/05
697	Ubiquinone 10, Coenzyme Q10	Biersdorf Australia Ltd	13/9/05
698	Polymer in Oleophobol 7713	Ciba Specialty Chemicals Pty Ltd	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 Sheen Print 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	22/2/06
707	2-Hydroxy-5-(1-oxooctyl)benzoic acid	L'Oreal Australia Pty Ltd	10/2/06
708 (Renewal)	Adduct RGW	Huntsman Advanced Materials (Australia) Pty Ltd	17/2/06

709 (Renewal)	Adduct ZK RM 2098	Huntsman Advanced Materials (Australia) Pty Ltd	17/2/06
710 (Renewal)	Component of Uralane 5774A & Uralane 5779A	Huntsman Advanced Materials (Australia) Pty Ltd	17/2/06
711	Aldehyde Jasmine	Takasago International (Singapore) Pte Ltd	24/2/06
712	Ethanaminium, N, N-diethyl-N-methyl-, tetrafluoroborate (1-)	Cap-XX Pty Ltd	24/2/06
713 (Renewal)	Poly(oxy-1,2-ethanediyl), α , α' , α'' 1,2,3-propanetriyltris[ω -hydroxy-,2-hydroxypropanoate	Ensign Laboratories	17/3/06
714	1H-Indole-5,6-diol, 2,3-dihydro-, hydrobromide	Henkel Australia Pty Ltd	19/4/06
715	Chemical in Terasil Black WW-KSN/Chemical in Terasil Golden Yellow W-3R	Ciba Specialty Chemicals Pty Ltd	28/4/06
716	Cyclopropanecarboxylic acid, 2-[1-(3,3-dimethylcyclohexyl)ethoxy]-2-methylpropyl ester	Givaudan Australia Pty Limited	17/5/06
717 (Renewal)	BIO INDEX	Nalco Australia Pty Ltd	30/5/06
718	Fluoroalkylchlorosilane in Surface Seal Coating Solution	PPG Aerospace	5/6/06
719	Halogenated Performance Additive in Surface Seal Coating Solution	PPG Aerospace	5/6/06

3 DRAFT ASSESSMENT REPORT ON INFINEUM C9350 FOR PUBLIC COMMENT

In accordance with section 60E(1) of the *Industrial Chemicals (Notification and Assessment) Act* 1989 (the Act), as amended, notice is hereby given by the Director that the draft Secondary Notification assessment report for Infineum C9350 is available for public comment.

Under Section 60D of the Act, the draft PEC report was given to applicants for 28 days to enable corrections of any errors.

The report presents a summary and evaluation of information relevant to a secondary notification assessment of Infineum C9350, covering uses, exposure, effects on human health and the environment, and the risks of adverse effects the chemical may cause to the environment and people of Australia. Recommendations for safe use of Infineum C9350 are made.

The draft report (hard or read-only electronic copy) may be requested by contacting **Stephen Zaluzny** by phone **(02) 8577 8883** or fax **(02) 8577 8888** or email to stephen.zaluzny@nicnas.gov.au. Requests should clearly state which form (hard or electronic copy) is required. The draft report is also available on the NICNAS website at <http://www.nicnas.gov.au/>.

Variation requests should be received in writing by NICNAS by close of business on **TUESDAY 1 AUGUST 2006**. This is a statutory deadline, which cannot be extended.

Submission format for variation requests

Any requests for variation must be made with respect to the draft report and accompanied by a completed application form (NICNAS Form 4a) which is available on the NICNAS website at http://www.nicnas.gov.au/Forms/Existing_Chemicals/Form4a_PDF.pdf.

Applications should clearly outline any amendment or change(s) requested. All applications for variation must identify the exact words, sentence or paragraph in the report to be varied and then state replacement words, sentences or paragraphs. The rationale behind any request for variation must be clearly explained, with references where relevant.

Requests for variation should be sent to:

NICNAS,
PO Box 58,
Sydney NSW 2001.

4 DRAFT EXISTING CHEMICAL REPORT FOR HFE-7100

In accordance with section 60E(1) of the *Industrial Chemicals (Notification and Assessment) Act* 1989 (the Act), as amended, notice is hereby given by the Director that the draft Secondary Notification assessment report for HFE-7100 is available for public comment. Under Section 60D of the Act, the draft assessment report was given to applicants for 28 days to enable corrections of any errors.

The report presents an evaluation of information relevant to a full assessment of HFE-7100, covering use, exposure, effects on human health and the environment, and characterises occupational and public health risk and risk to the environment. Recommendations for the safe use of HFE-7100 are made.

The draft report (hard or read-only electronic copy) may be requested by contacting **Natalie Hitoun** by phone (02) 8577 8885 or fax **(02) 8577 8888** or email to natalie.hitoun@nicnas.gov.au. Requests should clearly state which form (hard or electronic copy) is required. The draft report is also available on the NICNAS website at <http://www.nicnas.gov.au/>.

Variation requests should be received in writing by NICNAS by close of business on **TUESDAY 1 AUGUST 2006**. This is a statutory deadline, which cannot be extended.

Submission format for variation requests

Any requests for variation must be made with respect to the draft report and accompanied by a completed application form (NICNAS Form 4a) which is available on the NICNAS website at http://www.nicnas.gov.au/Forms/Existing_Chemicals/Form4a_PDF.pdf.

Applications should clearly outline any amendment or change(s) requested. All applications for variation must identify the exact words, sentence or paragraph in the report to be varied and then state replacement words, sentences or paragraphs. The rationale behind any request for variation must be clearly explained, with references where relevant.

Requests for variation should be sent to:

NICNAS
PO Box 58
Sydney NSW 2001.

5 NICNAS REGISTRATION RENEWAL 2006-07

All importers and manufacturers of relevant industrial chemicals for commercial purposes must be registered with NICNAS prior to introducing these chemicals regardless of the amount of industrial chemicals imported and / or manufactured.

The NICNAS registration year runs from 1 September to 31 August annually. The following information relates to NICNAS registration renewals for 2006-07.

INCREASE IN REGISTRATION FEES AND CHARGES

There will be an increase in the NICNAS Registration fees and charges for registrations/renewals for the registration cycle commencing 1 September 2006. The new fee schedule is as follows:

Registration Level	Registration cost (2005-06)	New Registration cost (2006-07)
Tier 1 Level	\$353	\$367
Tier 2 Level	\$1,411	\$1,466
Tier 3 Level	\$8,232	\$8,553

REMINDER OF RENEWAL DEADLINE

The renewal deadline is **31 August 2006**, the date on which your old registration runs out. You must renew your registration before it expires.

In July 2006, NICNAS will send out your **Renewal Tax Invoice** and **Application Form for Renewal of Registration / Non-renewal** by ordinary post. If you are currently registered and do not receive an Invoice by 31 July 2006, please contact NICNAS on 1800 638 528.

Registrants are required to advise NICNAS of any changes to contact details contained in this invoice, where applicable.

A copy of this form is available on the NICNAS website at:

www.nicnas.gov.au/Forms/Registration.asp

PENALTIES APPLY TO LATE RENEWALS

The NICNAS registration for a company lapses if it is not renewed by the 31 August 2006 deadline. Applications received after this date will be considered late renewal applications, and subject to a late renewal penalty. The late renewal penalty is calculated at 15% of the total registration cost.

This penalty is mandatory, and payment is required in addition to the registration renewal fee before NICNAS can re-instate your registration.

A late renewal application can only be processed when both the appropriate registration fee (Tiers 1,2 & 3) and charge (Tiers 2 & 3 only), and the appropriate late renewal penalty, have been paid.

The following table shows the penalty for late renewals for 2006-07 registration year.

Registration Level	Late renewal penalty (rounded to nearest whole \$)
Tier 1 Level	\$55
Tier 2 Level	\$220
Tier 3 Level	\$1,283

NON RENEWALS CARRY A RISK

It is an offence for a person to introduce (import and/or manufacture) relevant industrial chemicals without a current NICNAS registration. The legislation provides for severe penalties for a person who introduces relevant industrial chemicals without a current registration in place.

- **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

6 PUBLICATION SUMMARY REPORT

Polymer in ISOCURE 1 AL xx486 Summary Report Reference No: STD/1135

Ashland Pacific Pty Ltd (ABN 47 000 075 641) of 7 Sir Thomas Mitchell Road, Chester Hill NSW 2162 has submitted a standard notification statement in support of their application for an assessment certificate for Polymer in ISOCURE 1 AL xx486. The notified polymer is intended to be used as a resin binder for metal sand casting. Up to three hundred 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 classified as hazardous under the NOHSC *Approved Criteria for Classifying Hazardous Substances*. The classification and labelling details are:

Harmful (Xn) and Irritant (Xi)

Risk Phrases:

R21/22 - Harmful in contact with skin/ if swallowed

R36/38 - Irritating to eyes and skin

R43 - May cause sensitisation by skin contact;

Safety Phrases:

S28 - After contact with skin, wash immediately with plenty of soap and water

S37 – Wear suitable gloves

S39 –Wear eye/face protection

S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

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 proposed.

Environmental Effects

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

RECOMMENDATIONS

Regulatory Controls

Hazard Classification and Labelling

- The NOHSC Polymers Standards Sub-committee should consider the following health hazard classification for the notified polymer:
 - Xn (Harmful) and Xi;(Irritant)
 - R36/38 (Irritating to Eyes/Skin)
 - R43 (May cause sensitisation by skin contact)
 - R21/22 (Harmful in contact with skin and if swallowed)
- Use the following risk phrases for products/mixtures containing the notified polymer:
 - $\geq 1\%$: Xn; R43 (May cause sensitisation by skin contact)
 - $\geq 20\%$: Xi; R36/38 (Irritating to Eyes/Skin)
 - $\geq 25\%$: Xn; R21/22 (Harmful in contact with skin and if swallowed)

Control Measures

Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to the notified polymer [as introduced for use]:
 - Local exhaust ventilation
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified polymer [as introduced for use]:
 - Safe work practices to avoid entry to confined space where vapour may have collected
 - Atmospheric monitoring of constituents of the notified polymer to ensure compliance with the *Exposure Standards for Atmospheric Contaminants in the Occupational Environment*.
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer [as introduced for use]:
 - Safety glasses (eye/face protection)
 - Respiratory protection
 - Chemical resistant 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 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.

Health Surveillance

- Employers may wish to consider health surveillance for any worker who has been identified in the workplace risk assessment as having a significant risk of sensitisation. Individuals who become sensitised should not continue to handle the notified polymer.

Environment

- The following control measures should be implemented by the importer and the users to minimise environmental exposure during (manufacture, formulation, use) of the notified polymer:
 - The material should be stored in bunded areas
 - All process equipment, including holding and fed tanks, should be in bunded areas with only process drains present, if any.

Disposal

- The notified polymer should be disposed of by licensed waste contractors or secure landfill or preferably incineration, where possible, in line with State and Territory Authorities.

Storage

- The following precautions should be taken [by the Notifier and recipients] regarding storage of the notified polymer as introduced:
 - Store in a well ventilated area

Emergency procedures

Spills/release of the notified polymer should be handled by containment, collected with appropriate absorbent material (eg vermiculite) then placed in labelled containers ready for disposal.

Secondary Notification

The Director of 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 300 tonne per annum notified polymer; or
- use of the polymer changes in such a manner as to significantly increase discharge of the notified polymer to the aquatic environment, the hazard should be reassessed and the full report on the toxicity of the notified polymer may be required in order to conduct a more comprehensive environmental assessment.

- additional information becomes available as to any adverse environmental and health effects of the notified chemical and analogue.

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

CETEC 2252/CETEC 2253 Summary Report Reference No: STD/1190

Castrol Performance Lubricants Pty Ltd (ABN 20 03 663 474) of 132 McCredie Rd, Guildford, NSW, 2161 has submitted a standard notification statement in support of their application for an assessment certificate for CETEC 2252/CETEC 2253. The notified chemical is intended to be used as a lubricant in industrial refrigeration equipment. The notified chemical will not be manufactured or reformulated in Australia. Up to 20 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

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 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 servicing of equipment containing the notified chemical:
 - Refrigeration equipment 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 introduced and during servicing of equipment containing the notified chemical:
 - Coveralls
 - Eye protection
 - Impervious gloves

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

- 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.

Disposal

- The notified chemical should be disposed of by incineration.

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 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(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.

8 PUBLICATION SUMMARY REPORT

CETEC 2254 Summary Report Reference No: STD/1191

Castrol Performance Lubricants Pty Ltd (ABN 20 03 663 474) of 132 McCredie Rd, Guildford, NSW, 2161 has submitted a standard notification statement in support of their application for an assessment certificate for CETEC 2254. The notified chemical is intended to be used as a lubricant in industrial refrigeration equipment. The notified chemical will not be manufactured or reformulated in Australia. Up to 15 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

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 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 servicing of equipment containing the notified chemical:
 - Refrigeration equipment 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 introduced and during servicing of equipment containing the notified chemical:
 - Coveralls
 - Eye protection
 - Impervious gloves

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

- 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.

Disposal

- The notified chemical should be disposed of by incineration.

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 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(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.

9 PUBLICATION SUMMARY REPORT

Polymer in RC6119 Summary Report Reference No: LTD/1240

BASF Coatings Australia Pty Ltd (ABN 91 092 127 501) of 51 McIntyre Road, Sunshine VIC 3020 and Akzo Nobel Pty Ltd (ABN 59 000 119 424) of 51 McIntyre Road, Sunshine VIC 3020 have submitted a limited notification statement in support of their application for an assessment certificate for Polymer in RC6119. The notified polymer is intended to be used in the formulation of automotive primers. Up to 3 tonnes of the notified polymer will be imported or manufactured per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

No toxicological data have been provided for the notified polymer and therefore the substance cannot be classified in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances*.

The notified polymer contains functionality which may infer the potential for irritation effects. The notified polymer has a high number average molecular weight (>1000) and is therefore unlikely to be absorbed across biological membranes and as such is considered to be of low toxicity. However, there are some low molecular weight species present. Therefore the possibility of some irritating potential cannot be ruled out.

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 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

- Employers should implement the following engineering controls to minimise occupational exposure to the notified polymer in formulated paint products:
 - Spray application should be conducted in a down draft spray booth.

- 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:
 - Use of spray paints containing the notified polymer should be accordance with the NOHSC National Guidance Material for Spray Painting (NOHSC, 1999)
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer as introduced and during coating formulation:
 - Impermeable gloves;
 - Overalls;
 - Chemical goggles/face shields for industrial spray painters;
 - Vapour respirators if required.

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

- Excess product containing the notified polymer should be collected and allowed to harden prior to disposal to landfill.

Emergency procedures

Spills or accidental release of the notified chemical should be handled by physical containment of the product. Any dissolved product should be collected and allowed to harden before disposal to landfill.

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(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.

10 PUBLICATION SUMMARY REPORT

**CIM-01
Summary Report
Reference No: LTD/1241**

Canon Australia Pty. Ltd (ABN 66 005 002 951) of 1 Thomas Holt Drive, North Ryde NSW 2113 has submitted a limited notification statement in support of their application for an assessment certificate for CIM-01. The notified chemical is intended to be used as a component of a liquid ink (0.5% or less) in sealed inkjet printer cartridges. 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 not classified for mutagenicity as a hazardous substance in accordance with 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 Negligible Concern to public health when used in the proposed manner.

Environmental Effects

On basis of the reported use pattern, the chemical is not considered to pose a risk to the environment.

RECOMMENDATIONS*Control Measures*

Occupational Health and Safety

- No specific engineering controls or work practices are required for the safe use of the notified chemical itself, however, these should be selected on the basis of all ingredients in the formulation.
- Service personnel should wear cotton or disposable gloves and ensure adequate ventilation is present when removing 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.

Environment

Disposal

- The notified chemical should be disposed following the procedure describe bellow:
 - Dispose the used cartridges in the collection boxes set up in general merchandising stores and post offices, which would be collected by the notifier.

Emergency procedures

- Accidental spills/release of the notified chemical should be handled by the following method of treatment.
- Recovery:
Collect the ink by means of an industrial vacuum machine or similar and dispose of waste material in accordance with local regulations by incineration or landfill. Recovery of the substance for re-use is not recommended.
- Containment:
In case of spillage, do not release the substance to sewer, surface water or ground water. Use containment techniques appropriate to the size of the spillage.
- Neutralisation:
Dilute with plenty of 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 Section 64(2) of the Act; if

- any of the circumstances listed in the subsection arise; and
- the importation volume exceeds one tonne per annum notified chemical.

The Director will then decide whether secondary notification is required.

No additional secondary notification conditions are stipulated.

11 PUBLICATION SUMMARY REPORT

Epikure 4501 Summary Report Reference No: LTD/1244

Dulux Australia Pty Ltd (ABN: 87 004 078 095) of 1907 Princes Hwy Clayton VIC 3168 and Chemiplas Australia Pty Ltd (ABN: 29 003 056 808) of 3/112 Wellington Pde East Melbourne VIC 3002 have submitted a limited notification statement in support of their application for an assessment certificate for Epikure 4501. The notified polymer is intended to be used as a component of a powder coating. The notified polymer is typically weighed out into the mixing vessel of an extruder with other addenda. The mixture is heated and mixed then extruded, chipped, micronised and packed. The powder coating (containing < 20% notified polymer) is sprayed onto objects comprised of Medium Density Fibreboard hanging in specially designed spray booths and cured by heating. Thirty to 100 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 classified as hazardous under the NOHSC *Approved Criteria for Classifying Hazardous Substances*. The classification and labelling details are:

R43: May cause skin sensitisation by skin contact.

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 as described.

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:
 - R43: May cause sensitisation by skin contact

Control Measures

Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to the notified chemical as introduced:
 - Local exhaust ventilation should be employed when adding the notified polymer to the hopper of an extruder and at the point of packing off powder coatings.
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical as introduced, in particular when feeding and manipulating the hopper of an extruder:
 - Impervious gloves, goggles and 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 burial in a licensed land-fill or incineration in a licensed apparatus.

Emergency procedures

- Spills or accidental release of the notified chemical should be handled by sweeping, shovelling or vacuuming. Place spilled material in clean dry, sealed, labelled containers.

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(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.

12 PUBLICATION SUMMARY REPORT

Polymer in Disperbyk 103 Summary Report Reference No: LTD/1246

Nuplex Industries (Aust) Pty Ltd (ABN 25 000 045 572) of 49- 61 Stephen Rd Botany NSW 2019 and Akzo Nobel Pty Ltd (ABN 000 017 354) of 51 McIntyre Rd Sunshine VIC 3020 have submitted a limited notification statement in support of their application for an assessment certificate for Polymer in Disperbyk 103. The notified polymer is intended to be used as a wetting and dispersing additive in paint formulations and potentially epoxy fillers. The notified polymer will be imported as a formulation as mixed with other addenda to produce either paint or a resin solution for impregnation of fibres for circuit board manufacture. The paint will be applied by spray, roller or brush to a variety of substrates and the resin solution will be used to manufacture preregs for circuit board manufacture. Less than 3 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 chemical was shown to be of low acute oral toxicity in rats, was not a skin irritant in rabbits and was a slight eye irritant in rabbits. Given that the polymer is > 1000 molecular weight with a moderate amount of species < 1000 NAMW, and considering the structure, it can be predicted that it would be of low acute dermal toxicity, not sensitising or genotoxic and should not exhibit toxicity after repeated dosage.

Based on the available data, the notified chemical is not classified as a hazardous substance in accordance with 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 Low Concern to public health when used as described.

Environmental Effects

On the basis of the release pattern:

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

- 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 authorised landfill.

Emergency procedures

- Spills or accidental release of the notified chemical should be handled by physical containment, followed by absorbing onto inert material such as vermiculite sand etc. Collect using no sparking equipment and place into suitable labelled 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(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.

13 PUBLICATION SUMMARY REPORT

**Red 003
Summary Report
Reference No: LTD/1258**

Hewlett Packard Australia Pty Ltd (ABN: 74 004 394 763) of 3 Richardson Place, North Ryde, NSW 2113 has submitted a limited notification statement in support of their application for an assessment certificate for Red 003. The notified chemical is intended to be used as a component of printing inks. 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 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 Negligible 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 volume and use pattern.

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

- No specific engineering controls or work practices are required for the safe use of the notified chemical itself, however, these should be selected on the basis of all ingredients in the formulation.
- Service personnel should wear cotton or disposable gloves and ensure adequate ventilation is present when removing 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.

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

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

- any of the circumstances listed in the subsection arise; and
- the importation volume exceeds one tonne per annum notified chemical.

The Director will then decide whether secondary notification is required.

No additional secondary notification conditions are stipulated.

14 PUBLICATION SUMMARY REPORT

**Z-66
Summary Report
Reference No: PLC/618**

Lubrizol International, Inc (ABN 52 073 495 603) of 28 River Street, Silverwater NSW 2128 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Z-66. The notified polymer is intended to be used as a non-ionic silicone emollient ester for use in personal care products such as creams, lotions, hair dressing products and conditioners. 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**

The notified polymer meets the PLC criteria and can therefore be considered to be of low hazard.

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.

Environment

Disposal

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

Emergency procedures

- Spills/accidental release of the notified polymer should be handled by physical containment, followed by collection and 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 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.

15 PUBLICATION SUMMARY REPORT

Polymer in Watersol S118 Summary Report Reference No: PLC/631

BASF Coatings Australia Pty Ltd (ABN 91 092 127 501) of 51 McIntyre Road, Sunshine VIC 3020 and Akzo Nobel Chemicals Pty Ltd (ABN 58 000 017 354) of 51 McIntyre Road, Sunshine VIC 3020 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in Watersol S118. The notified polymer is intended to be used as a component of spray coatings applied to automotive components that are not accessible to the public. Up to 20 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.

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 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 incineration or to landfill.

Emergency procedures

Spills/accidental release of the notified polymer should be handled by absorbing with a liquid-binding material (such as sand, diatomite, acid binders, universal binders, sawdust).

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.

16 PUBLICATION SUMMARY REPORT

**Polymer in ZK56-3093
Summary Report
Reference No: PLC/638**

BASF Coatings Australia Pty Ltd (ABN 93 080 438 464) of 231-233 Newton Road, Wetherill Park NSW 2164 N has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in ZK56-3093. The notified polymer is to be used as a component in solvent based top-coats for automotive OEM and refinish applications. Less than 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**

No toxicological data were submitted. The notified polymer meets the PLC criteria and can therefore be considered to be of low hazard.

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 either by authorised incineration or consignment to landfill.

Emergency procedures

- Spills or accidental release of the notified polymer should be handled by collecting spillage with non-combustible absorbent materials and placing in a suitable container for disposal according to Local, State and Federal Government waste regulations.

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.

17 PUBLICATION SUMMARY REPORT

Polymer in Polyplex 3047 Summary Report Reference No: PLC/641

Nuplex Industries (Aust) Pty Ltd (ABN 25 000 045 572) of 49-61 Stephen Rd Botany NSW 2019 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in Polyplex 3047. The notified polymer is intended to be used in the manufacture of thermosetting composite articles. Up to 300 tonnes of the notified polymer will be imported or manufactured 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.

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 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.

Environment

Disposal

- The notified polymer should be disposed of to landfill.

Emergency procedures

- Spills and/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 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.

18 PUBLICATION SUMMARY REPORT

**DP3002
Summary Report
Reference No: PLC/644**

DuPont (Australia) Ltd (ABN 59 000 716 469) of 49-53 Newton Road, Wetherill Park NSW 2164 and Canon Australia Pty. Ltd (ABN 66 005 002 951) of 1 Thomas Holt Drive, North Ryde NSW 2113 have submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for DP3002. The notified polymer is intended to be used as an ink component for office and consumer printing. Up to one tonne 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.

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.

- Service personnel should wear cotton or disposable gloves and ensure adequate ventilation is present when removing spent printer cartridges containing the notified polymer and during routine maintenance and repairs.
- 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 to landfill.

Emergency procedures

- Spills and/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 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.

19 PUBLICATION SUMMARY REPORT

**DP3001
Summary Report
Reference No: PLC/646**

DuPont (Australia) Ltd (ABN 59 000 716 469) of 49-53 Newton Road, Wetherill Park NSW 2164 and Canon Australia Pty. Ltd (ABN 66 005 002 951) of 1 Thomas Holt Drive, North Ryde NSW 2113 have submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for DP3001. The notified polymer is intended to be used as an ink component for office and consumer printing. Up to one tonne 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.

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.

- Service personnel should wear cotton or disposable gloves and ensure adequate ventilation is present when removing spent printer cartridges containing the notified polymer and during routine maintenance and repairs.
- 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 to landfill.

Emergency procedures

- Spills and/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 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

**Amodel® A-4000 and Amodel® A-6000
Summary Report
Reference No: SAPLC/40**

Polymers International Australia Pty Ltd (ABN 92 069 883 825) of 17-19 Endeavour Way Braeside VIC 3195 has submitted a polymer of low concern (PLC) notification statement in support of their application for a self-assessed assessment certificate for Amodel® A-4000 and Amodel® A-6000. The notified polymer is intended to be used in the manufacture of injection moulded parts. The notified polymer will be imported as solid pellets ready for moulding and injection into end use products. The moulded articles are cooled and automatically discharged from the machine. They are then warehoused and subsequently assembled into finished consumer products. One hundred to three hundred 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.

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

- 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 landfill.

Emergency procedures

- Spills/accidental release of the notified polymer should be handled by physical collection, without creating dust, by sweeping and shovelling into suitable 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 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.

21 PUBLICATION SUMMARY REPORT

Polymer in Kelsol 3964-B2G-70 Summary Report Reference No: SAPLC/46

DIC International (Australia) Pty. Ltd (ABN 17 003 441 067) of 30-32 Kilkenny Crt, Dandenong South, VIC, 3175 has submitted a polymer of low concern (PLC) notification statement in support of their application for a self-assessed assessment certificate for Polymer in Kelsol 3964-B2G-70. The notified polymer is intended to be used as a component, at a concentration of <20%, of industrial OEM paints for metal and wood articles including machinery parts, construction implements, garden and farm implements, scaffolding and steel structures. Paint reformulation and application will occur in Australia. Up to 100 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.

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

- Personal protective equipment required during formulation are:
 - Eye protection (safety glasses or goggles)
 - Impermeable gloves
 - Industrial clothing and footwear

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

- Use of spray paints containing the notified chemical should be in accordance with the NOHSC National Guidance Material for Spray Painting.

- 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 following control measures should be implemented by the notifier to minimise environmental exposure during formulation of the notified polymer:
 - Bunding
- The following control measures should be implemented by end users (spray painters) to minimise environmental exposure during use of the notified polymer:
 - Exhaust ventilation with filter

Disposal

- The notified polymer should be disposed of to landfill or incinerated.
- Empty containers should be sent to local recycling or waste disposal facilities.

Emergency procedures

- The imported product, Kelsol 3964-B2G-70, is a Dangerous Good and classified as Class 3, flammable. In case of a spill all sources of ignition should be eliminated. Due care should be taken to avoid ignition and possible explosion.
- Spills/release of the notified polymer should be handled by absorbing with sand or other inert absorbent material and put into suitable container for disposal. Contaminated containers can be re-used after cleaning.

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 PUBLICATION SUMMARY REPORT

**Erythrulose
Summary Report
Reference No: EX/86**

Bronson and Jacobs Pty Ltd (ABN: 81 000 063 249) of 5 Parkview Drive Homebush Bay NSW 2140 has submitted a limited notification statement in support of their application for an assessment certificate for Erythrulose. The notified chemical is intended to be used as topical self tanning agent. One tonne of the notified chemical will be imported per annum for each of the first five years.

Since the assessment certificate has been granted for the above notified polymer, Unilever Australia Ltd (ABN 66 004 050 828) of 219 North Rocks Road, North Rocks NSW 2151, has submitted a supplementary information statement in support of their application for extension of the original assessment certificate (No. 2052, LTD/1130) together with a written agreement of the holder of the original certificate, Bronson and Jacobs Pty Ltd. Unilever Australia Ltd will be importing up to 0.5 tonne of the notified chemical 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

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 as described in the notification.

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 chemical as introduced:
 - Minimise drips and spills

- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical as introduced:
 - Safety glasses, gloves and coveralls

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 following control measures should be implemented by cosmetic manufacturer to minimise environmental exposure during formulation of the notified chemical:
 - Process equipment should be within bunded areas with only process drains in the vicinity.

Disposal

- The notified chemical should be disposed of to landfill.

Emergency procedures

- Spills/release of the notified chemical should be contained and either pumped into sealable containers or absorbent material used, which should then be placed in sealable labelled containers ready for disposal to landfill

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 (original applicant);
- the importation volume exceeds 0.5 tonne per annum notified chemical (extension applicant);

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.

23 PUBLICATION SUMMARY REPORT

**Chemical in New OLOA 216C, 216Q, 218A, 219, 219C and 219M
Summary Report
Reference No: EX/87**

Chevron Chemical Australia of 385 Bourke Street Melbourne VIC 3000 (ABN 001 010 037) (currently named Ornite Australia Pty Ltd of Level 8, 520 Collins Street Melbourne VIC 3000) has submitted a standard notification statement in support of their application for an assessment certificate for Chemical in New OLOA 216C, 216Q, 218A, 219, 219C and 219M. The notified chemical is intended to be used as an additive of lubricants for marine, railroad and heavy-duty vehicle diesel engine and passenger petrol car engine. Greater than 3000 tonnes of the notified chemical will be imported per annum for the first five years.

Since the assessment certificate has been granted for the above notified polymer, Mobil Oil Australia Pty Ltd (ABN 88 004 052 984) of 29 Francis Street, Yarraville VIC 3013 has submitted a supplementary information statement in support of their application for extension of the original assessment certificate (No. 1281, NA/890) together with a written agreement of the holder of the original certificate, Ornite Australia Pty Ltd. Mobil Oil Australia Pty Ltd will be importing less than one tonne of the notified chemical per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

No toxicological data were available on the notified chemical to assess it against the NOHSC *Approved Criteria for Classifying Hazardous Substances* (NOHSC, 1999b). The notifier selected New OLOA 216Q and New OLOA 219 to represent the low calcium versions (New OLOA 216C, 216Q and 218A) and the high calcium versions (New OLOA 219, 219M and 219C), respectively. No toxicological data have been supplied for New OLOA 216Q or New OLOA 219. Toxicological studies provided were performed on two closely related analogues, OLOA 216Q and OLOA 219.

OLOA 216Q was of very low acute oral toxicity and low acute dermal toxicity. It caused slight to moderate skin and eye irritation in animals. Evidence for skin sensitisation in the guinea pig (Buehler) was inconclusive. The NOEL for subchronic toxicity was 300 mg/kg/day based on reduced body weight gain, food utilization and an increased adrenal weight which was accompanied by histopathological changes at the higher dose level. The NOEL for neurotoxicity and reproductive toxicity was $\geq 1\ 000$ mg/kg/day (highest dose tested). In genotoxicity testing, OLOA 216Q was non-mutagenic in bacteria and non-clastogenic in a micronucleus assay in mice. Based on the results of OLOA 216Q, the New OLOA 216Q would not be classified as a hazardous substance according to NOHSC *Approved Criteria for Classifying Hazardous Substances*.

OLOA 219 has very low acute oral toxicity, low acute dermal toxicity and at the most moderate acute inhalation toxicity. It caused slight to moderate skin irritation and moderate to severe eye irritation. It was a skin sensitiser in one animal study. A repeat insult patch test performed in humans was considered to be positive for skin sensitisation. Repeat dose studies in rats assessed subchronic toxicity, neurotoxicity, reproductive toxicity, and developmental toxicity of OLOA 219. The lowest NOEL or NOAEL when orally administered was 50 mg/kg/day, whereas the NOEL for dermal application was ≥ 250 mg/kg/day. Effects observed at higher doses (up to 1 000 mg/kg/day) in these studies were reduced food consumption,

body weight gain, and changed organ weights. Reduced fertility indices and live litter size were apparent in the reproduction studies, while foetal malformations were observed in the developmental studies. No neurotoxicity was observed at doses up to 1 000 mg/kg/day. OLOA 219 was neither mutagenic in bacteria nor clastogenic in mouse lymphoma cells. Based on the results of OLOA 219, the New OLOA 219 would be classified as a hazardous substance based on the skin sensitisation effects according to the NOHSC *Approved Criteria for Classifying Hazardous Substances* with Risk phase R43 (May cause sensitisation by skin contact).

The paraffinic petroleum distillates used as adjuvants in New OLOA products are Category 2 carcinogens, with concentration cut-offs of 0.1 %, unless the petroleum distillate is shown to satisfy the condition that it contains less than 3 % DMSO extract as measured by IP 346. The notifier has indicated that this is the case for the petroleum distillates used in New OLOA products.

Occupational Health and Safety

Imported isotanks and drums will not normally be opened until arrival at blending facilities. Therefore waterside and transport workers will not be directly exposed to the notified chemical except in the event of spills. Skin and eye contact with the notified chemical in high concentrations may occur when bulk tanks are unloaded to storage tanks and storage tanks unloaded to road tankers. Exposure may also occur during sampling and analysis. Cleaning operations are automated and exposure will not occur. All tasks are of short duration and infrequent and workers will wear coveralls, gloves and eye protection. Overall, if handled as described by the notifier, exposure is likely to be negligible and the risk of adverse health effects is considered to be low. However, exposure must be prevented to protect against skin sensitisation particularly for the high calcium products.

The system for reformulating New OLOA products to produce finished lubricants is enclosed and automated. The possibility of exposure is therefore limited and typically of short duration. Workers involved in transferring the imported oil additive containing the notified chemical, and blending the additive into finished oil may be exposed to drips and spills. In addition, occupational exposure to the drips and spills of the final lubricating oil containing the notified chemical is possible for workers filling and labelling the finished oil products. Workers involved in cleaning and maintenance of tanks and blending equipment may also have general dermal exposure to oil residues. It is reported that workers will wear coveralls, gloves and eye protection in all sections of the blending plant. Overall, exposure to the notified chemical is likely to be negligible and the risk of adverse health effects is considered to be low. However, exposure to the liquid and mist must be prevented to protect against skin sensitisation.

Workers handling marine vessels, railway diesel engines and heavy-duty vehicle diesel engines will contact lubricating oil with up to 12.5% notified chemical. Skin and eye contact with the notified chemical may occur via splashes, drips or spills when transferring the formulated lubricant into engines and during drum cleaning operations. Duration and frequency of tasks is likely to be comparable to those at marine terminals and blending plants. Overall exposure is likely to be negligible and the risk of adverse health effects is considered to be low. As it is possible that individuals may become sensitised to the notified chemical, employers will need to ensure that mechanics handling the notified chemical are informed about the potential for skin sensitisation.

At the petrol car manufacturing and repairing sites, dermal exposure is likely during addition or changing of engine oils, and while handling equipment which has been in contact with the lubricating oils. The finished lubricant contains 0.5-3.5% notified chemical. Exposure during each top up of reservoirs will be of short duration. However, it is recommended that the workers wear protective clothing and gloves to minimise the risk of skin sensitisation from the high calcium version products containing the notified chemical.

Workers who become sensitised to lubricant oil containing the notified chemical should not continue to handle it in the workplace.

Public Health

The populations who are potentially exposed to this material include consumers who may periodically either add or change their own automotive engine oil. The potential for public exposure to the notified chemical during transport, storage, or disposal is considered to be low. The amounts to which the public is likely to be exposed is expected to be small and exposure is expected to be brief and intermittent. The most likely routes of exposure to the notified chemical are skin and eye contact and wearing personal protective equipment can eliminate exposure. The notified chemical will not pose a significant hazard to public health when used in the proposed manner.

Environmental Effects

The notified chemical will be blended with oils and other additives into completed lubricants for use in a range of diesel and petrol engines, where it functions as an anti-oxidant, a detergent and an anti corrosion agent. Apart from transport accidents or accidental spills or leaks, minimal release of the notified chemical to the environment is expected from lubricant formulation, with the waste being incinerated or placed into landfill. The final lubricant products will contain the notified chemical at 0.5 to 3.5%, and will be sold in drums or bulk to commercial customers and in bottles to domestic customers.

In cases where specialised technicians perform oil changes or repairs, waste oil will usually be incinerated or sent for recycling. However, in the case of passenger vehicles where enthusiasts perform at home oil changes, a proportion of the oil sold for use in these vehicles will be released inappropriately e.g. used for weed control, placed in landfill, tipped into stormwater drains etc. No information was provided on the market share of the notified chemical in the lubricants market and the total amount of notified chemical used as an additive in passenger vehicle lubricants. However, in comparison with the worst case scenario where all of the notified chemical would be sold to the automotive market and approximately 7% disposed of inappropriately by DIY enthusiasts, much less notified chemical would be disposed of inappropriately in the described range of uses, and effects would be mitigated by the diffuse pattern of release.

In landfill, the notified chemical would be immobilised through adsorption onto soil particles. In waterways it would associate with organic matter and sediments. The notified chemical is not readily biodegradable, but in landfill it would be expected to slowly degrade through biological and abiotic processes. Incineration of waste oil would destroy the notified chemical with evolution of water vapour and oxides of carbon and sulphur and produce calcium compounds that would be assimilated with the ash. Sludge from waste treatment plants or oil recycling facilities could also be incinerated.

Direct concentrated exposure to the water compartment is considered unlikely, thereby limiting the potential for bioaccumulation. Based on a variety of ecotoxicity tests for surrogate chemicals conducted against a number of freshwater and marine organisms (fish, invertebrates and algae), the notified chemical is not expected to be toxic to the aquatic species against which the surrogates have been tested, up to its level of solubility in water. However, the notified chemical may exhibit some level of toxicity to mysid shrimps, below its level of solubility in water and results for a surrogate tested against sheepshead minnow were inconclusive. It may be concluded that despite some inappropriate disposal, levels in water are unlikely to reach those presenting a hazard to aquatic organisms.

RECOMMENDATIONS

Occupational Health and Safety Matters

To minimise occupational exposure to Chemical in New OLOA 216C, 216Q, 218A, 219, 219C and 219M the following guidelines and precautions should be observed:

- The high calcium OLOA products are determined to be hazardous substances because they cause skin sensitisation. The label and MSDS for high calcium OLOA products should include R43 (May cause sensitisation by skin contact) and disclose the chemical name(s) of component(s) which caused skin sensitisation.
- The notifier's MSDS be provided to the occupational health and safety officer during the workplace assessment process and to the authorised medical practitioner responsible for health surveillance in the workplace to alert them to the potential for skin sensitisation with high calcium OLOA products.
- Workers should receive regular instruction on good occupational hygiene practices in order to minimise personal contact, and contamination of the work environment with formulations that contain high calcium OLOA products. In particular, contaminated clothing should be removed without delay. The affected skin area should be decontaminated with a waterless hand cleaner, mineral oil, petroleum jelly, then washed with soap and water.
- Workers should be advised of the potential for occupational dermatoses following repeated skin exposure to high calcium OLOA products and to report any skin changes to the occupational health and safety officer at their workplace. When an occupational skin disease occurs, work practices and opportunities for contact with the substance should be reviewed and preventive measures instigated to ensure other workers do not develop the same condition. Further guidance on preventing the occurrence of occupational skin diseases can be found in the NOHSC guide *Occupational Diseases of the Skin*.
- Personal protective equipment (PPE) should be used on all occasions where exposure to additive packages containing high calcium OLOA products occurs. The notifier recommends Nitrile, Viton or silver shield gloves. Chemical impervious clothing is also necessary to prevent skin contact. Consideration should be given to the ambient environment, physical requirements and other substances present when selecting protective clothing and gloves. Workers should be trained in the proper fit, correct

use and maintenance of their protective gear. PPE guidance in the selection, personal fit and maintenance of personal protective equipment can be obtained from:

Protective eyewear:	AS 1336, AS/NZS 1337.
Chemical impermeable clothing:	AS 3765.2.
Impermeable gloves:	AS 2161.2.
Occupational footwear:	AS/NZS 2210.

- If products containing the notified chemical are hazardous to health in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances*, workplace practices and control procedures consistent with provisions of State, Territory and Commonwealth legislation based on the *National Model Regulations for the Control of Workplace Hazardous Substances* must be in operation.
- OLOA products are identified as a C2 combustible liquid and should be stored, handled and used in accordance with AS 1940;
- A copy of the MSDS should be easily accessible to employees.

24 ACCESS TO FULL PUBLIC REPORT

NICNAS publishes a Full Public Report for each new chemical assessed. These reports are available for public inspection at the library of the Office of Australian Safety & Compensation Council (OASCC) at their Canberra office by appointment only. Please call the library on (02) 6121 9100 or (02) 6121 9138 to arrange to view the Full Public Report.

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

25 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
717 (Renewal)	Nalco Australia Pty Ltd	2019	Bio Index	No	Additive cooling towers	30.05.06
718 (Renewal)	PPG Aerospace	3043	Fluoroalkylchlorosilane in Surface Seal Coating Solution	Yes	Coating component for aerospace applications	05.06.06
719	PPG Aerospace	3043	Halogenated performance additive in surface seal coating solution	Yes	Coating component for aerospace applications	05.06.06

26 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
654	Toyo Ink Australia Pty Ltd	3137	Polymer in Aqualess Eco Neo	ND	4000 kg	Component in offset printing ink	2 yrs
655	Qenos Pty Ltd	3018	Component of UT-B2 Trim	Yes	4000 kg	Catalyst for polyethylene production	2 yrs
656	Arkema Pty Ltd	3121	Peroxide, bis(1, 1-dimethylpropyl)	Yes	1000 kg	Free radical polymerisation initiator	1 yr
657	Clariant (Australia) Pty Ltd	3148	Polymer in Exolit AP760	ND	1500 kg	Flame retardant for plastics	2 yrs
658	Ashland Pacific Pty Ltd	2162	Iso-Fast Catalyst 705	Yes	4000 kg	Catalyst for foundry binder	1 yr
659	CMC (Australia) Pty Ltd	2220					
660	Degussa Coatings & Colourants Pty Ltd	3175	Polyvest EP OC 800S	No	2000 kg	Bonding agent in OEM automotive Industry	1 yr

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

27 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
400 (Reissued)	DuPont (Australia) Pty Ltd	RCP-29668	Paints & Lacquers
447	Cytec Australia Holdings Pty Ltd	Superfloc TF 8000	Flocculant in the Bayer process (obtaining alumina from Bauxite)

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

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

Table 4

Chemicals Eligible for Listing on the Australian Inventory of Chemical Substances

CHEMICAL NAME	CAS NUMBER	MOLECULAR FORMULA
Siloxanes and silicones, di-Me, Me hydrogen, reaction products with Me silsesquioxanes, polymers with vinyl group-terminated di-Me siloxanes and silicones	153668-87-2	Unspecified
Cyclopentanol, 2-cyclopentylidene	6261-30-9	C ₁₀ H ₁₆ O

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 5

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

CHEMICAL NAME	CAS NUMBER	MOLECULAR FORMULA
2-Propenoic acid, butyl ester, polymer with 1,3-butadiene, ethenylbenzene and 2-propenenitrile	26657-42-1	$(C_8H_8.C_7H_{12}O_2.C_4H_6.C_3H_3N)_x$
Propanoic acid, 3-[[bis(2-methylpropoxy)phosphinothioyl]thio]-2-methyl-	268567-32-4	$C_{12}H_{25}O_4PS_2$
Hexanedioic acid, polymer with butanedioic acid, 1,4-butanediol, (2E)-2-butenedioic acid, 1,2-ethanediol, 1,6-hexanediol, alpha,alpha'-[(1-methylethylidene)di-4,1-phenylene]bis[omega-hydroxypoly(oxy-1,2-ethanediyl)] and alpha,alpha'-[(1-methylethylidene)di-4,1-phenylene]bis[omega-hydroxypoly(oxy(methyl)-1,2-ethanediyl)], octadecanoate	440669-94-3	$C_{18}H_{36}O_2.x(C_6H_{14}O_2.C_6H_{10}O_4.C_4H_{10}O_2.C_4H_6O_4.C_4H_4O_4.(C_3H_6O)_n(C_3H_6O)_n.C_{15}H_{16}O_2.C_2H_6O_2.(C_2H_4O)_n(C_2H_4O)_n.C_{15}H_{16}O_2)_x$