



Australian Government

Gazette

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CHEMICAL

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Department of Health and Ageing
NICNAS

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

CONTENTS

CONSULTATIONS

NIL

SPECIAL NOTICES

1	NICNAS NOTIFIERS UPDATE	6
2	NEW, STREAMLINED "SUPERFORMS" FOR CERTIFICATE NOTIFICATIONS	7
3	2009-10 NEW CHEMICAL REPORTING OBLIGATIONS	8
4	LOW VOLUME CHEMICAL PERMITS IN FORCE AS AT 30 JUNE 2010	9
5	ADJUSTMENTS TO NICNAS NEW CHEMICALS PROCESSES FOR INDUSTRIAL NANOMATERIALS	14

NEW CHEMICALS

SUMMARY REPORTS

6	LTD/1467	KODAK VERSAMARK 6911 RED 193 INK	17
7	LTD/1472	HARMIDE RB-207	19
8	LTD/1473	ACRYLIC ACID/ISOBUTYL ACRYLATE/ISOBORNYL ACRYLATE COPOLYMER	22
9	LTD/1476	INK BH11 M	24
10	LTD/1477	INK BH11 C	26
11	STD/1364	1-PROPANAMINIUM, 2,3-DIHYDROXY-N,N,N-TRIMETHYL-, CHLORIDE (1:1) (INCI NAME: DIHYDROXYPROPYLTRIMONIUM CHLORIDE)	29

12	STD/1365	UREA, N-(HYDROXYETHYL)- (INCI NAME: HYDROXYETHYL UREA)	32
13	STD/1369	OXETANE, 3,3'[OXYBIS(METHYLENE)]BIS[3-ETHYL-	35
14	STD/1370	CHEMICAL IN P-332	38
15	PLC/909	POLYMER IN FLINT GROUP HEATSET WEB 340 COLOUR RANGE	41
16	PLC/923	POLYMER IN POLYGREEN F SERIES	43
17	PLC/933	POLYMER ALTU2-15	46
18	PLC/940	POLYMER IN RESYDROL AY 6150W	48
19	PLC/941	POLYMER IN RESYDROL AF 502W/35WA	51
20	EX/145	POLYMER IN X-10175	54
21	EX/147	Z-76	57
22	EX/149	Z-70	61
23	EX/150	Z-76	64
24	ACCESS TO FULL PUBLIC REPORTS		68
PERMITS ISSUED			
25	EARLY INTRODUCTION PERMITS		69
26	LOW VOLUME CHEMICAL PERMITS		70
AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES			
27	NOTICE OF CHEMICALS ELIGIBLE FOR LISTING ON THE AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES FIVE YEARS AFTER ISSUING OF ASSESSMENT CERTIFICATES		71

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

1 NICNAS NOTIFIERS UPDATE

The staff of the New Chemicals Program are planning to hold a Notifiers Update in Sydney on the 30 November, 2010. NICNAS is currently seeking expressions of interest in this free information session, which is intended to provide notifiers with an update on the latest activities and initiatives within the New Chemicals Program. It is also an opportunity for notifiers to meet with NICNAS assessors and to ask questions on new chemicals notification matters.

Date: Tuesday 30th November, 2010

Time: Half-day (likely 1.30 – 4.30pm)

Cost: Free

Venue: The venue in Sydney will be determined once NICNAS has been advised of numbers for this information session.

The topics that are intended to be covered on this day include:

1. Introduction of the new, streamlined “superforms” for notification.
2. How to submit new applications under the cooperative arrangements with the USA and Canada.
3. Update on the progress of regulatory reforms for industrial nanomaterials.
4. How the Low Volume Chemical (LVC)-1000 and LVC100 permit categories work.
5. The differences between free Early Introduction Permits (EIP) and other EIP types.

If you are interested in attending the Notifiers Update, please contact Julie Brown on 02 8577 8870 or e-mail industry.training@nicnas.gov.au. In order for NICNAS to book an appropriate venue, please advise attendance as soon as possible (by Monday 11th October, 2010). Please also provide comment if there are topics that are not mentioned above that you would like covered in this information session.

NICNAS is also considering holding a similar session in Melbourne. If you will be unable to attend the Sydney update and would like to see a similar session organised in Melbourne, please contact NICNAS on the above details.

2 NEW, STREAMLINED “SUPERFORMS” FOR CERTIFICATE NOTIFICATIONS

In response to feedback from notifiers, “superforms” have been developed for use when notifying new industrial chemicals. These forms will be available on the NICNAS website from October 2010.

The new forms are intended to simplify the notification forms, with a view to reducing the number of forms required and minimising duplication of basic information.

Superforms have been developed for the Polymer of Low Concern (PLC), Standard (STD) and Limited (LTD) Assessment categories. Features of these forms are that the Form 1 (New Chemical Notification), Form 2 (Application for Variation of Schedule Requirements) and Form 3 (Application for Exempt Information) have now been consolidated into a single form, thereby minimising the duplication of basic information.

Standard (STD) and Limited (LTD) Notification Categories: Combined application forms have been developed for the Standard and Limited notification categories. In these categories, 2 general application forms will be available for use:

- The first form has a template attached. This form is recommended as the first choice for notifiers and should be completed and submitted electronically to NICNAS for all notifications where a rebate may be applicable.
- The second form has a checklist in-place of the template. This form allows for greater flexibility in the way in which data are provided to NICNAS. Any remittance in notification fees will not apply for use of this form.

Polymer of Low Concern (PLC) Notification Category: A single application form has been developed for the Polymer of Low Concern notification category.

The superforms will be available on the NICNAS website via the following link:

http://www.nicnas.gov.au/Forms/New_Chemicals.asp

Guidance information is provided within the forms to assist notifiers. In addition, a revised guidance document has been prepared and will be available from the forms section of the NICNAS website to assist notifiers in completing the template section of the LTD/STD form.

To provide feedback and/or suggestions to NICNAS on how the forms could be made user-friendly, please contact Jarrod Amoore (jarrod.amoore@nicnas.gov.au) or Jacki Kitching (jacki.kitching@nicnas.gov.au).

3 2009-10 NEW CHEMICAL REPORTING OBLIGATIONS

Under sections 21AA and 40N of the *Industrial Chemicals (Notification and Assessment) Act 1989*, a person introducing a new industrial chemical under certain permits, certificates or exemptions in a registration year is required to provide a report to the Director, NICNAS, stating the name and quantity of the chemical that was introduced.

WHO NEEDS TO REPORT

Reports are required for NEW Industrial Chemicals introduced under the following:

- Commercial Evaluation Permit; and/or
- Low Volume Chemical Permit; and/or
- Controlled Use Permit; and/or
- Self Assessed Assessment Certificate; and/or
- ≤ 100 kg Cosmetic Exemption; and/or
- ≤ 1% Cosmetic Exemption; and/or
- ≤ 100 kg Non-Cosmetic Exemption and/or
- ≤ 100 kg Research & Development Exemption and/or
- Transshipment Exemption

REPORTS DUE BY

Under the Act, Annual Reports for the 2009-10 registration year were required by 28 September 2010. If you have not submitted your annual report please contact NICNAS via annual.reporting@nicnas.gov.au

ONLINE REPORTING AVAILABLE (Enrolment Required)

Organisations Already Enrolled:

Submit your Annual Reports and view all previously submitted data in one location by entering your NICNAS Organisation Number & ABN using the SignIn link below.

New Enrolments:

Enrol your Organisation for Online Reporting using the SignIn link below.

Select ENROL under the New Enrolment section on the SignIn Page.

NICNAS will acknowledge your Enrolment by confirming your password by email:-

<https://secure.nicnas.gov.au/arm/WebForms/SignIn.aspx>

EMAIL REPORTING OPTION

Alternatively Annual Reports can be submitted via email to annual.reporting@nicnas.gov.au

Templates are available to help simplify the submission of emailed reports.

Templates:

Permit/Certificate & Exemption Templates are available for email reporting and can be accessed via the following link:-

http://www.nicnas.gov.au/Forms/Annual_Reporting.asp

GUIDANCE MATERIAL

Guidance material and additional information is available at:-

http://www.nicnas.gov.au/Industry/Reporting_Annually.asp

NICNAS CONTACT

For assistance regarding Reporting requirements or Online Reporting Login details, please contact Susan Sicard via e-mail at annual.reporting@nicnas.gov.au

4 LOW VOLUME CHEMICAL PERMITS IN FORCE AS AT 30 JUNE 2010

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
779 (Renewal)	Walnut Ester	Firmenich Limited	18/07/07
780 (Renewal)	Firwood	Firmenich Limited	16/07/07
781 (Renewal)	Ysamber K	International Flavours & Fragrances Aust Pty Ltd	17/07/07
782 (Renewal)	Ambrocenide 10	International Flavours & Fragrances Aust Pty Ltd	19/07/07
783	NEJI-18	Epson Australia Pty Ltd	07/08/07
784	AKPT-1	Epson Australia Pty Ltd	10/08/07
785	DP7004	DuPont (Australia) Ltd	16/08/07
786		Hewlett Packard Australia Pty Ltd	
787	Chemical in TINOSAN SDC	Ciba Australia Pty Limited	24/08/07
788	CIM-02	Canon Australia Pty Ltd	13/09/07
789	CIM-03	Canon Australia Pty Ltd	13/09/07
790	CIM-04	Canon Australia Pty Ltd	13/09/07
791	CIM-05	Canon Australia Pty Ltd	13/09/07
792	Fluorochemical in Dyneon FC2123	3M Australia Pty Ltd	13/09/07
793 (Renewal)	HN-130	Chemetall (Australasia) Pty Ltd	29/09/07
794 (Renewal)	Liojet WD Yellow 008C	Epson Australia Pty Ltd	17/10/07
795 (Renewal)	Liojet WD Magenta 008C	Epson Australia Pty Ltd	17/10/07
798 (Renewal)	Butanoic acid, 3-mercapto-, ethyl ester	International Flavours & Fragrances Aust Pty Ltd	25/11/07
799	2-Butanone, 1,3,4-trihydroxy-	E.T. Browne (Australia) Pty Ltd	21/12/07
800 (Renewal)	Benzoic acid, 2-methyl-, methyl ester	International Flavours & Fragrances Aust Pty Ltd	15/01/08
801	Ethanol, 2-(2,4-diaminophenoxy)-, sulfate (1:1) (salt)	La Biosthetique Australia Pty Ltd	21/01/08
802 (Renewal)	5-Cyclotetradecen-1-one, 3-methyl-, (5E)-	Givaudan Australia Pty Ltd	25/02/08
803	2-(2,4-Dimethylcyclohexyl)-Pyridine	Givaudan Australia Pty Ltd	11/04/08

804 (Renewal)	Oxacyclopentadec-10-en-2-one, 13-methyl-	Givaudan Australia Pty Ltd	18/04/08
805 (Renewal)	4,7-octadienoic acid, methyl ester, (4E)-	Givaudan Australia Pty Ltd	18/04/08
806 (Renewal)	Naphth[2,3-b]oxirene, 1a,2,3,4,5,6,7,7a-octahydro- 1a,3,3,4,6,6-hexamethyl-, (1aR,4S,7aS)-rel-	Givaudan Australia Pty Ltd	18/04/08
807 (Renewal)	3,7,11-trimethyl-6,10- dodecadienal	Givaudan Australia Pty Ltd	18/04/08
809	2,4-Diaminophenoxyethanol sulfate	Tigi Australia Pty Ltd	22/04/08
810 (Renewal)	Alpinia Oil A	International Flavours & Fragrances Aust Pty Ltd	14/05/08
811	1-Pentanol, 2-mercapto-2- methyl	Symrise Pty Ltd	19/05/08
808	2-ethyl-N-methyl-N-(3- methylphenyl)-butanamide	Givaudan Australia Pty Limited	29/05/08
812	2H-2, 4a-Methanonaphthalene- 8-ethanol,1,3,4,5,6,7- hexahydro— β ,1,1,5,5- pentamethyl-	Givaudan Australia Pty Ltd	07/07/08
813	1H-Inden-1-one,2,3-dihydro- 2,3,3-trimethyl-	Givaudan Australia Pty Ltd	11/08/08
814	Adduct IP 322	Huntsman Advanced Materials (Australia) Pty Ltd	15/07/08
815	Cyclohexanol,4-(3- methylbutyl)-	Symrise Pty Ltd	16/07/08
816 (Renewal)	IDM Ketal	International Flavours & Fragrances (Australia) Pty Ltd	26/07/08
817	Benzeneacetonitrile, α - cyclohexylidene-2-methyl	Givaudan Australia Pty Ltd	05/08/08
818	SYMAC US-1000	Canon Australia Pty Ltd	24/10/08
819 (Renewal)	Polysilicone-15	La Biosthetique Australia Pty Ltd	23/10/08
820 (Renewal)	Ubiquinone 10, Coenzyme Q10	Beiersdorf Australia Ltd	06/11/08
821 (Renewal)	3M Screen Print Gloss Clear 1920DR	3M Australia Pty Ltd	14/11/08
822	Blue Hair Dye (Tetrabromophenal)	Procter and Gamble Australia Pty Ltd	02/12/08
823		Cosmetic Suppliers Pty Ltd	

824	Octanal, 6-methoxy-2,6-dimethyl-	Givaudan Australia Pty Ltd	16/12/08
825	HC Blue No.15	Procter and Gamble Australia Pty Ltd	18/12/08
826		Cosmetic Suppliers Pty Ltd	
827 (Renewal)	Longozal	Takasago International Corporation (Aust Sales Office)	05/03/09
828 (Renewal)	Poly(oxy-1,2-ethanediyl), alpha, alpha', alpha"-1,2,3-propanetriyltris[omega-hydroxy-, 2-hydroxypropanoate	Ensign Laboratories Pty Ltd	05/03/09
829	Component of LME 10188	Huntsman Advanced Materials (Australia) Pty Ltd	17/03/09
831 (Renewal)	Adduct RGW	Huntsman Advanced Materials (Australia) Pty Ltd	22/03/09
830	Component of Uralane 5774 A and Uralane 5779 A	Huntsman Advanced Materials (Australia) Pty Ltd	23/03/09
832	Barium, 1, 4-ditridecyl 2-sulfobutanedioate phosphate complexes	Hewlett Packard Australia Pty Ltd	27/03/09
833	Benzotriazole Dodecyl p-Cresol	PZ Cussons Australia Pty Ltd	17/04/09
834	Perfluorinated Polymer in Capstone RCP	DuPont (Australia)	22/05/09
835	Butanoic acid, 2-methyl-5-hexen-1-yl esters	Symrise Pty Ltd	27/05/09
836	Chemical in Kluberbio CA 2-460 and Wolfracoat C fluid	Kluber Lubrication Australia Pty Ltd	12/06/09
837	Chemical in Klubersynth BH 72-422	Kluber Lubrication Australia Pty Ltd	12/06/09
838	Polymer in Melio Resin A-931. A-ID	Chemcolour Industries Australia Pty Ltd	26/06/09
839	Siloxanes and Silicones, di-Me, 1-[[4-[3-ethoxy-2-(ethoxycarbonyl)-3-oxo-1-propenyl]phenoxy]methyl]ethenyl Me, 3-[4-[3-ethoxy-2-(ethoxycarbonyl)-3-oxo-1-propenyl]phenoxy]-1-propenyl Me, Me hydrogen (Polysilicone-15)	Label.M Australia Pty Ltd	07/07/09
841	Component of Hullgard Extra Converter	Akzo Nobel Pty Ltd	08/07/09

840	Cyclopropanecarboxylic acid, 2-[1-(3,3-dimethylcyclohexyl)ethoxy]-2-methylpropyl ester	Givaudan Australia Pty Ltd	09/07/09
842	Polymer in Enviroline 405HT Resin Tan Part A and Hypox RF928	Akzo Nobel Pty Ltd	14/07/09
843	Polymer in Enviroline 405HT Resin Tan Part A and Hypox RF928	International Sales & Marketing Pty Ltd	14/07/09
836	Nycobase 8851	Kluber Lubrication Australia Pty Ltd	31/07/09
837	Lexolube KL435	Kluber Lubrication Australia Pty Ltd	31/07/09
844 (Renewal)	Bamboo Ketone	Takasago International Corporation (Aust Sales Office)	25/08/09
846 (Renewal)	Quincester	Firmenich Ltd	10/09/09
845 (Renewal)	Mysoral	Firmenich Ltd	14/09/09
847	Polymer in GC-501	Konica Minolta Business Solutions Australia Pty Ltd	14/09/09
848	Frescolat MPC	Colgate –Palmolive Australia Pty Ltd	24/09/09
849 (Renewal)	Belambre	Givaudan Australia Pty Ltd	27/09/09
850 (Renewal)	Floridile	Givaudan Australia Pty Ltd	27/09/09
852 (Renewal)	Okoumal	Givaudan Australia Pty Ltd	27/09/09
855 (Renewal)	Aladinate	Firmenich Ltd	06/10/09
851 (Renewal)	Pharaone	Givaudan Australia Pty Ltd	8/10/09
857	Surfactant in HP 600 and HP 771 Series of inks	Hewlett Packard Australia Pty Ltd	13/10/09
856 (Renewal)	Aldolone	Firmenich Ltd	14/10/09
853 (Renewal)	Rosoxime	Firmenich Ltd	18/10/09
860 (Renewal)	Lilyflore	Firmenich Ltd	18/10/09
859	Imexine OAX	L'oreal Australia Pty Ltd	20/10/09
862 (Renewal)	Imexine OBA	L'Oreal Australia Pty Ltd	21/10/09

861 (Renewal)	Cyclopentol	Firmenich Ltd	23/10/09
863	Centifoletter	Firmenich Ltd	23/10/09
864	PEG-90 Diisostearate	Bronson and Jacobs Pty Ltd	05/11/09
865	Vertoxime	Firmenich Ltd	06/11/09
854 (Renewal)	Hivernal	Firmenich Ltd	20/11/09
866	MJA-549(N)	Epson Australia Pty Ltd	08/02/10
867	EXP-282	Atotech Australia Pty Ltd	10/02/10
868	Component of Ren HY 5159	Huntsman Advanced Materials (Australia) Pty Ltd	10/03/10
869	Tanaisone	Givaudan Australia Pty Ltd	24/03/10
871 (Renewal)	Florymoss	Givaudan Australia Pty Ltd	01/04/10
873	Chemical in Canon Yellow Ink Tank for Ink Jet Printer	Canon Australia Pty Ltd	15/04/10
874 (Renewal)	Cyclohexanol, 3-(1,1- dimethylethyl)-, 1-acetate	Givaudan Australia Pty Ltd	15/04/10
870	Tridecyl trimellitate	Avon Products Pty Ltd	19/04/10
872 (Renewal)	Polyquaternium-59	La Biosthetique Australia Pty Ltd	22/04/10
875	Chemical in X-15742	Afton Chemical Asia Pacific LLC	23/04/10
876 (Renewal)	2(3H)-Furanone, 5- hexyldihydro-4-methyl-	Symrise Pty Ltd	30/04/10
878	2,4-Diaminophenoxyethanol sulfate	Procter & Gamble Australia Pty Ltd	13/05/10
879	2,4-Diaminophenoxyethanol sulfate	Cosmetic Suppliers Pty Ltd	13/05/10

5 ADJUSTMENTS TO NICNAS NEW CHEMICALS PROCESSES FOR INDUSTRIAL NANOMATERIALS

This Notice is directed to introducers of nanomaterials that are new chemicals, that is nano-forms of chemicals not listed on the Australian Inventory of Chemical Substances.

The National Industrial Chemicals Notification and Assessment Scheme (NICNAS) is introducing new administrative processes for the notification and assessment of industrial nanomaterials that are considered to be New Chemicals under Part 3 (Notification and Assessment of Industrial Chemicals) of the *Industrial Chemicals Notification and Assessment Act 1989* (the Act).

These new administrative arrangements will be effective from 1 January 2011. They will apply to any new chemical that falls under the following working definition of 'industrial nanomaterial':

... industrial materials intentionally produced, manufactured or engineered to have unique properties or specific composition at the nanoscale, that is a size range typically between 1 nm and 100 nm, and is either a nano-object (i.e. that is confined in one, two, or three dimensions at the nanoscale) or is nanostructured (i.e. having an internal or surface structure at the nanoscale)"

[Notes to the working definition:

- intentionally produced, manufactured or engineered materials are distinct from accidentally produced materials
- 'unique properties' refers to chemical and/or physical properties that are different because of its nanoscale features as compared to the same material without nanoscale features, and result in unique phenomena (e.g. increased strength, chemical reactivity or conductivity) that enable novel applications.
- aggregates and agglomerates are considered to be nanostructured substances
- where size distribution shows 10% or more of a substance (based on number of particles) is at the nanoscale, NICNAS will consider this substance to be a nanomaterial for risk assessment purposes.]

Currently, all regulatory requirements applicable to conventional chemicals also apply to their nano-forms. Specific amendments to current processes and practices vary between new chemicals exemptions and new chemical certificates and permits as follows:

i) Exemption categories:

New chemical exemptions are underpinned by S 21 (4) and (6) of the Act. S 21AA imposes annual reporting obligations on persons introducing chemicals under S 21 (4) and (6) of the Act.

From 01 January 2011, nano-forms of new chemicals will not be permitted under exemption categories where human and/or environmental exposure can reasonably be anticipated, these being:

- Low volume cosmetic and non-cosmetic exemptions (S21(4))
- Low concentration (<1%) non hazardous cosmetic exemption (S21(6c)).

Introducers who advise NICNAS of introductions under these exemption categories will be required to declare that their chemicals are not nanomaterials, according to the NICNAS working definition above.

The following exemption categories will remain available for nanoforms of new chemicals:

- Transshipment exemptions – current conditions of introduction remain unchanged (S21(6b))
- R&D exemptions S21(6a) – with some amendments to the annual reporting requirements. All nanomaterials introduced in volumes over 100g/year will be identified as nanomaterials and their full chemical name provided.

Any substances that meet the working definition of ‘industrial nanomaterial’ (above) currently introduced under exemption categories will require a NICNAS permit or certificate if introduction is to continue after 01 January 2011. Introducers should contact NICNAS prior to this date to determine the most appropriate notification category for their nanomaterial(s).

ii) Permit categories:

All permit categories under Part 3 of the Act will remain available for use by introducers of nano-forms of new chemicals. Some changes to notification forms and information requirements may apply as follows:

- Addition of a declaration by the notifier on the permit application forms stating that the chemical is a nanomaterial or not.
- More specific information (such as particle size, shape and other specific information on properties) may be required under specified conditions (see Requirements to Provide Additional Data, below).

To complement these changes NICNAS may stipulate permit conditions for conventional chemicals where it can be reasonably assumed that a nano-form may be introduced in the future.

iii) Certificate categories

Of currently available certificate categories, all except self-assessment categories will be available for use by introducers of nano-forms of new chemicals. Introducers who annually report introductions under self-assessed certificate categories will be required to declare that their chemicals are not nanomaterials, according to the NICNAS working definition above.

Some changes to notification forms and information requirements may apply as follows:

- Addition of a declaration by the notifier on the certificate application forms stating that the chemical is a nanomaterial or not.
- More specific information (such as particle size, shape and other specific information on properties) may be required under specified conditions (see Requirements to Provide Additional Data, below).

Complementing these changes, NICNAS may stipulate specific secondary notification conditions to the assessment of conventional chemicals where a nano-form may be introduced in the future.

REQUIREMENTS TO PROVIDE ADDITIONAL INFORMATION

Information additional to those items specified in the Schedule to the Act may be required on a case-by-case basis. The Act provides for the Director, NICNAS to require further information where he/she considers it necessary for the purpose of assessing the chemical.

Additional information may be required on the nano-specific characteristics of chemical. For example, where the nanomaterial is introduced as a solid/powder or as a dispersion and is insoluble or known to be biopersistent, then as a minimum requirement the primary particle size distribution of the nanomaterial will be required.

Further additional data may be required such as surface area, impurity profile and surface properties (such as charge and coatings), on a case-by-case basis.

Guidance on data requirements will be provided to notifiers on the NICNAS website and the NICNAS Handbook for Notifiers.

REASONS FOR ADMINISTRATIVE CHANGES

These administrative amendments to the new chemicals notification and assessment framework are components of the NICNAS strategy for regulating industrial nanomaterials. They address the uncertainty surrounding the risks posed by industrial nanomaterials and the appropriateness of current risk assessment protocols and practices and aim to maintain or enhance existing levels of public health, worker safety and environmental protection in relation to industrial nanomaterials,

The changes to the notification and assessment of nano-forms of new chemicals have been developed in consultation with the NICNAS Nanotechnology Advisory Group, comprising industry, community, government and scientific experts. Changes to the new chemicals framework for nanomaterials included in NICNAS's *Proposal for Regulatory Reform of Industrial Nanomaterials*, was strongly supported by stakeholders.

These administrative arrangements will be reviewed following a reasonable period of implementation. Experience gained through administrative amendments will inform any future legislative amendments.

For information on NICNAS's consultation on the Proposal for Regulatory Reform of Industrial Nanomaterials, please see:

http://nicnas.gov.au/Current_Issues/Nanotechnology/Stakeholder_Consultation.asp

NEED MORE ADVICE?

Training for notifiers will be rolled out prior to introduction of these changes and further information on such activities will be detailed via notices on the NICNAS website in coming months. Alternatively, please contact NICNAS for more guidance and/or advice on this matter.

For further information, please contact:

Nicola Hall

Phone: (02) 8577 8871

Fax: (02) 8577 8888

E-mail: Nicola.hall@nicnas.gov.au

6 PUBLICATION SUMMARY REPORT

Chemical in Kodak Versamark 6911 Red 193 Ink Summary Report Reference No: LTD/1467

Kodak Australia Pty Ltd (ABN 49 004 057 621) of 181 Victoria Parade, Collingwood VIC 3066 has submitted a limited notification statement in support of their application for an assessment certificate for Chemical in Kodak Versamark 6911 Red 193 Ink. The notified chemical is intended to be used as a component of ink formulations at <6% concentration for use in commercial inkjet printers. Up to 1 tonne of the notified chemical will be imported per annum for each of the first five years.

Hazard Classification

Based on the data provided, the notified chemical is not classified as hazardous according to the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)].

Human Health Risk Assessment

Under the conditions of the occupational settings described, the notified chemical is not considered to pose an unacceptable risk to the health of workers.

Public Health Assessment

When used in the proposed manner, the notified chemical is not considered to pose an unacceptable risk to public health.

Environmental Risk Assessment

On the basis of the PEC/PNEC ratio and the reported use pattern, the notified chemical is not expected to pose a risk to the environment.

Recommendations

Control Measures

Occupational Health and Safety

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified polymer as introduced at <6% concentration, in the product Kodak Versamark 6911 Red 193 Ink:
 - Avoid contact with eyes
- No specific engineering controls, work practices or personal protective equipment are required for the safe use of the notified chemical as a component of ink formulations at <6% concentration for use in commercial inkjet printers.
- 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 *Approved Criteria for Classifying Hazardous*

Substances [NOHSC:1008(2004)] 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 to landfill.

Emergency procedures

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

Regulatory Obligations

Secondary Notification

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

Therefore, the Director of NICNAS 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;
- the notified chemical is intended for use in products available to the public;

or

Under Section 64(2) of the Act; if

- the function or use of the chemical has changed from component of ink at <6% for use in inkjet printers, or is likely to change significantly;
- the chemical has begun to be manufactured in Australia;
- additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

Material Safety Data Sheet

The MSDS of products containing the notified chemical provided by the notifier were reviewed by NICNAS. The accuracy of the information on the MSDS remains the responsibility of the applicant.

7 PUBLICATION SUMMARY REPORT

Harmide RB-207 Summary Report Reference No: LTD/1472

Chemcolour Industries Australia Pty Ltd (ABN 70 125 602 271) of Monash Business Park, 20-22 Gardiner Road, Notting Hill VIC 3168 has submitted a limited notification statement in support of their application for an assessment certificate for Harmide RB-207. The notified polymer is intended to be used as a dry strength agent in the manufacture of paper and paperboard. Up to 3300 tonnes of the notified polymer will be imported per annum for each of the first five years.

Hazard Classification

In the absence of toxicity data, the notified polymer cannot be classified as hazardous according to the *Approved Criteria for Classifying Hazardous Substances* (NOHSC, 2004).

Human Health Risk Assessment

Under the conditions of the occupational settings described, the notified polymer is not considered to pose an unacceptable risk to the health of workers.

Public Health Assessment

When used in the proposed manner, the notified polymer is not considered to pose an unacceptable risk to public health.

Environmental Risk Assessment

On the basis of the PEC/PNEC ratio and the reported use pattern, the notified polymer is not expected to pose a risk to the environment.

Recommendations

Control Measures

Occupational Health and Safety

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified polymer as introduced at 20% concentration, in the product Harmide RB-207:
 - Avoid contact with skin and eyes

- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer as introduced at 20% concentration, in the product Harmide RB-207:
 - Chemical resistant gloves
 - Coveralls
 - Safety glasses

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

- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)] 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 or accidental release of the notified polymer should be handled by physical containment, collection and subsequent safe disposal.

Regulatory Obligations

Secondary Notification

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

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

Under Section 64(2) of the Act; if

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

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

Material Safety Data Sheet

The MSDS of a product containing the notified polymer provided by the notifier was reviewed by NICNAS. The accuracy of the information on the MSDS remains the responsibility of the applicant.

8 PUBLICATION SUMMARY REPORT

Acrylic Acid/Isobutyl Acrylate/Isobornyl Acrylate Copolymer Summary Report Reference No: LTD/1473

L'Oreal Australia Pty Ltd (ABN 40 004 191 673) of 564 St Kilda Road, Melbourne, VIC, 3004 has submitted a limited notification statement in support of their application for an assessment certificate for Acrylic Acid/Isobutyl Acrylate/Isobornyl Acrylate Copolymer. The notified polymer is intended to be used as a component of cosmetic products. Up to 10 tonnes of the notified polymer will be imported per annum for each of the first five years.

Hazard Classification

Based on the data provided the notified polymer is not classified as hazardous according to the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)].

Human Health Risk Assessment

Under the conditions of the occupational settings described, the notified polymer is not considered to pose an unacceptable risk to the health of workers.

Public Health Assessment

When used in the proposed manner, the notified polymer is not considered to pose an unacceptable risk to public health.

Environmental Risk Assessment

On the basis of the limited environmental release and low hazard to aquatic organisms, the notified polymer is not expected to pose a risk to the environment.

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.
- 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 *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)], workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

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

Disposal

- The notified polymer should be disposed of to landfill.

Emergency procedures

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

Regulatory Obligations

Secondary Notification

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

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

Under Section 64(2) of the Act; if

- the function or use of the polymer has changed from a component of cosmetic products at $\leq 20\%$ concentration or is likely to change significantly;
- the amount of polymer being introduced has increased from 10 tonnes per annum, or is likely to increase, significantly;
- the polymer has begun to be manufactured or reformulated in Australia;
- additional information has become available to the person as to an adverse effect of the polymer on occupational health and safety, public health, or the environment.

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

Material Safety Data Sheet

The MSDS of products containing the notified polymer provided by the notifier were reviewed by NICNAS. The accuracy of the information on the MSDS remains the responsibility of the applicant.

9 PUBLICATION SUMMARY REPORT

INK BH11 M Summary Report Reference No: LTD/1476

Brother International (Aust) Pty Ltd (ABN 17 001 393 835) of Suite 1, Level 3, Building A, 11 Talavera Road Macquarie Park NSW 2113 has submitted a limited notification statement in support of their application for an assessment certificate for INK BH11 M. The notified chemical is intended to be used as a component of inkjet printer inks in sealed cartridges. Up to one tonne of the notified chemical will be imported per annum for each of the first five years.

Hazard Classification

Based on the provided data the notified chemical is not classified as hazardous according to the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)].

Human Health Risk Assessment

Under the conditions of the occupational settings described, the notified chemical is not considered to pose an unacceptable risk to the health of workers.

Public Health Assessment

When used in the proposed manner, the notified chemical is not considered to pose an unacceptable risk to public health.

Environmental Risk Assessment

On the basis of the PEC/PNEC ratio and the reported use pattern, the notified chemical is not expected to pose a risk to the environment.

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 chemical 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 chemical/polymer are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)] 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 to landfill.

Emergency procedures

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

Regulatory Obligations

Secondary Notification

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

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

Under Section 64(1) of the Act; if

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

or

Under Section 64(2) of the Act; if

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

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

Material Safety Data Sheet

The MSDS of the notified chemical and product containing the notified chemical provided by the notifier were reviewed by NICNAS. The accuracy of the information on the MSDS remains the responsibility of the applicant.

10 PUBLICATION SUMMARY REPORT

Ink BH11 C Summary Report Reference No: LTD/1477

Brother International (Aust) Pty Ltd (ABN 17 001 393 835) of Suite 1, Level 3, Building A, 11 Talavera Road Macquarie Park NSW 2113 has submitted a limited notification statement in support of their application for an assessment certificate for INK BH11 C. The notified chemical is intended to be used as a component of inkjet printer inks in sealed cartridges. Up to one tonne of the notified chemical will be imported per annum for each of the first five years.

Hazard Classification

Based on the provided data the notified chemical is not classified as hazardous according to the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)].

Human Health Risk Assessment

Under the conditions of the occupational settings described, the notified chemical is not considered to pose an unacceptable risk to the health of workers.

Public Health Assessment

When used in the proposed manner, the notified chemical is not considered to pose an unacceptable risk to public health.

Environmental Risk Assessment

On the basis of the PEC/PNEC ratio and the reported use pattern, the notified chemical is not expected to pose a risk to the environment.

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 chemical 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 chemical/polymer are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)] 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 to landfill.

Emergency procedures

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

Regulatory Obligations

Secondary Notification

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

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

Under Section 64(1) of the Act; if

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

or

Under Section 64(2) of the Act; if

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

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

Material Safety Data Sheet

The MSDS of the notified chemical and product containing the notified chemical provided by the notifier were reviewed by NICNAS. The accuracy of the information on the MSDS remains the responsibility of the applicant.

11 PUBLICATION SUMMARY REPORT

1-Propanaminium, 2,3-dihydroxy-N,N,N-trimethyl-, chloride (1:1) (INCI Name: Dihydroxypropyltrimonium Chloride)
Summary Report
Reference No: STD/1364

Unilever Australia Limited (ABN 66 004 050 828) of 20 Cambridge Street, Epping NSW 2121 has submitted a standard notification statement in support of their application for an assessment certificate for 1-Propanaminium, 2,3-dihydroxy-N,N,N-trimethyl-, chloride (1:1) (INCI Name: Dihydroxypropyltrimonium Chloride). The notified chemical is intended to be used as an ingredient of cosmetic products. The notified chemical will be imported as a component in finished cosmetic products at levels of up to 5% in leave-on products and up to 10% in wash-off products, and as a raw material at up to 50% concentration in water for further formulation in Australia into other cosmetic products. Up to ten tonnes of the notified chemical will be imported per annum for each of the first five years.

Hazard Classification

Based on the available data the notified chemical is not classified as hazardous according to the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)].

Human Health Risk Assessment

Under the conditions of the occupational settings described, the notified chemical is not considered to pose an unacceptable risk to the health of workers.

Public Health Assessment

When used in the proposed manner, the notified chemical is not considered to pose an unacceptable risk to public health.

Environmental Risk Assessment

On the basis of the PEC/PNEC ratio and the reported use pattern, the notified chemical is not expected to pose a risk to the environment.

Recommendations

Control Measures

Occupational Health and Safety

- Employers should ensure that the following safety directions are used by workers to minimise occupational exposure to the notified chemical during formulation of cosmetics:
 - Avoid contact with eyes
- 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 *Approved Criteria for Classifying Hazardous*

Substances [NOHSC:1008(2004)] workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

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

Disposal

- The notified chemical should be disposed of to landfill.

Emergency procedures

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

Regulatory Obligations

Secondary Notification

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

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

Under Section 64(1) of the Act; if

- the notified chemical is used in cosmetic products applied by spraying;

or

Under Section 64(2) of the Act; if

- the function or use of the chemical has changed from ingredient of cosmetic products at up to 5% in leave-on products and up to 10% in wash-off products, or is likely to change significantly;
- the amount of chemical being introduced has increased from 10 tonnes, or is likely to increase, significantly;
- the chemical has begun to be manufactured in Australia;
- additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

Material Safety Data Sheet

The MSDS of the notified chemical and products containing the notified chemical provided by the notifier were reviewed by NICNAS. The accuracy of the information on the MSDS remains the responsibility of the applicant.

12 PUBLICATION SUMMARY REPORT

Urea, N-(hydroxyethyl)- (INCI Name: Hydroxyethyl Urea) Summary Report Reference No: STD/1365

Akzo Nobel Pty Limited (ABN 59 000 119 424) of 8 Kellaway Place, Wetherill Park, NSW, 2164 and Unilever Australia Limited (ABN 66 004 050 828) of 20 Cambridge Street, Epping, NSW, 2121 have submitted a standard notification statement in support of their application for an assessment certificate for Urea, N-(hydroxyethyl)- (INCI Name: Hydroxyethyl Urea). The notified chemical is intended to be used as a component of rinse-off and leave-on cosmetic products. Up to 10 tonnes of the notified chemical will be imported per annum for each of the first five years.

Hazard Classification

Based on the data provided the notified chemical is not classified as hazardous according to the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)].

Human Health Risk Assessment

Under the conditions of the occupational settings described, the notified chemical is not considered to pose an unacceptable risk to the health of workers.

Public Health Assessment

When used in the proposed manner, the notified chemical is not considered to pose an unacceptable risk to public health.

Environmental Risk Assessment

On the basis of the PEC/PNEC ratio and the reported use pattern, the notified chemical is not expected to pose a risk to the environment.

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 (<50%) during formulation of products:
 - Avoid contact with skin and eyes.
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical (<50%) during formulation of products:
 - Gloves and goggles.

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 *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)], 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 to landfill.

Emergency procedures

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

Regulatory Obligations

Secondary Notification

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

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

Under Section 64(1) of the Act; if

- the notified chemical is to be used in rinse-off or leave-on cosmetic products at concentrations >8%;

or

Under Section 64(2) of the Act; if

- the function or use of the chemical has changed from a component of rinse-off and leave-on cosmetic products, or is likely to change significantly;
- the amount of chemical being introduced has increased from 10 tonnes per annum, or is likely to increase, significantly;
- the chemical has begun to be manufactured in Australia;
- additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

Material Safety Data Sheet

The MSDS of the notified chemical (and a product containing the notified chemical) provided by the notifier were reviewed by NICNAS. The accuracy of the information on the MSDS remains the responsibility of the applicant.

13 PUBLICATION SUMMARY REPORT

Oxetane, 3,3'-[oxybis(methylene)]bis[3-ethyl- Summary Report Reference No: STD/1369

DKSH Australia Pty Ltd (ABN 70 005 059 307) of 14 - 17 Dansu Court, Hallam VIC 3803 and Gerber Scientific International (Aust) Pty Ltd (ABN 55 088 162 038) of 9 Hamley Road, Mount Kuring-Gai NSW 2080 have submitted a standard notification statement in support of their application for an assessment certificate for Oxetane, 3,3'-[oxybis(methylene)]bis[3-ethyl-. The notified chemical is intended to be used as resin for ink and printing preparations. Up to 10 tonnes of the notified chemical will be imported per annum for each of the first five years.

Hazard Classification

Based on the data provided, the notified chemical is classified as hazardous according to the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)]. The following risk phrase applies to the notified chemical:

- Xn; R22 Harmful if swallowed

Human Health Risk Assessment

Under the conditions of the occupational settings described, the notified chemical is not considered to pose an unacceptable risk to the health of workers.

Public Health Assessment

When used in the proposed manner, the notified chemical is not considered to pose an unacceptable risk to public health.

Environmental Risk Assessment

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

Recommendations

Regulatory Controls

Hazard Classification and Labelling

- Safe Work Australia should consider the following health hazard classification for the notified chemical:
 - Xn; R22 Harmful if swallowed
- Use the following risk phrases for products/mixtures containing the notified chemical:
 - Conc \geq 25%: R22

Control Measures

Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to the notified chemical during formulation activities:
 - Automated and/or enclosed systems.
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical as introduced:
 - Avoid skin and eye contact.
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical repeatedly during formulation and handling of ink preparations:
 - 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 *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)] 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 to landfill.

Emergency procedures

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

Regulatory Obligations

Secondary Notification

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

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

Under Section 64(2) of the Act; if

- the function or use of the chemical has changed from resin for ink and printing ink preparations for industrial use, or is likely to change significantly;
- the amount of chemical being introduced has increased from 10 tonne per year, or is likely to increase, significantly;
- the chemical has begun to be manufactured in Australia;
- additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

No additional secondary notification conditions are stipulated.

Material Safety Data Sheet

The MSDS of the notified chemical provided by the notifier was reviewed by NICNAS. The accuracy of the information on the MSDS remains the responsibility of the applicant.

14 PUBLICATION SUMMARY REPORT

Chemical in P-332 Summary Report Reference No: STD/1370

Champion Technologies Pty Ltd (ABN 22 008 079 614) of Suite 1, 5 Brodie-Hall Drive Technology Park, Bentley WA 6120 has submitted a standard notification statement in support of their application for an assessment certificate for Chemical in P-332. The notified chemical is intended to be used as a component of a corrosion inhibitor product. Up to 7 tonnes of the notified chemical will be imported per annum for each of the first five years.

Hazard Classification

Based on the data provided for analogue chemicals, the notified chemical should be considered as though it is classified as hazardous according to the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008 (2004)] with the following risk phrases:

- R38 Irritating to skin
- R41 Risk of serious damage to eyes

Human Health Risk Assessment

Under the conditions of the occupational settings described, the notified chemical is not considered to pose an unacceptable risk to the health of workers.

Public Health Assessment

When used in the proposed manner, the notified chemical is not considered to pose an unacceptable risk to public health.

Environmental Risk Assessment

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

Recommendations

Regulatory Controls

Hazard Classification and Labelling

- Use the following risk phrases for products/mixtures containing the notified chemical:
 - conc. \geq 20%: R41 Risk of serious damage to eyes; R38 Irritating to skin
 - \geq 10% conc. < 20%: R41 Risk of serious damage to eyes
 - \geq 5% conc. < 10%: R36 Irritating to eyes

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 at up to 20% in P-332:

- Avoid contact with skin and eyes
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical as used in formulations at < 10%:
 - Avoid contact with skin and eyes
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical as introduced at up to 20% in the product P-332 and as used in formulations at < 10%:
 - Safety glasses
 - Coveralls
 - Gloves

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 *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)] 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 to landfill.

Emergency procedures

- Spills or accidental release of the notified chemical should be handled by physical containment, collection and subsequent safe disposal. Do not allow the notified chemical to enter waterways.

Regulatory Obligations

Secondary Notification

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

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

Under Section 64(2) of the Act; if

- the function or use of the chemical has changed from a component of a corrosion inhibitor product at less than 10% concentration, or is likely to change significantly;
- the notified chemical is proposed for use which has the potential to result in aquatic exposure;
- the amount of chemical being introduced has increased from < 7 tonnes, or is likely to increase, significantly;
- the chemical has begun to be manufactured in Australia;
- additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

Material Safety Data Sheet

The MSDS of a product containing the notified chemical provided by the notifier was reviewed by NICNAS. The accuracy of the information on the MSDS remains the responsibility of the applicant.

15 PUBLICATION SUMMARY REPORT

Polymer in Flint Group Heatset Web 340 Colour Range Summary Report Reference No: PLC/909

Flint Group Australia Pty Ltd (ABN 79 006 659 178) of 25-51 Berends Drive, Dandenong South VIC 3175 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in Flint Group Heatset Web 340 Colour Range. The notified polymer is intended to be used as component of ink. 1.5 tonnes of the notified polymer will be imported per annum for each of the first five years.

Human Health Risk Assessment

Under the conditions of the occupational settings described, the notified polymer is not considered to pose an unacceptable risk to the health of workers.

Public Health Assessment

When used in the proposed manner, the notified polymer is not considered to pose an unacceptable risk to public health.

Environmental Risk Assessment

Based on the reported use pattern, the notified polymer is not expected to pose a risk to the environment.

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 *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)], 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.

Regulatory Obligations

Secondary Notification

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

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

Under Section 64(1) of the Act; if

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

or

Under Section 64(2) of the Act; if

- the function or use of the notified polymer has changed from component of ink for commercial printing, or is likely to change significantly;
- the amount of notified polymer being introduced has increased, or is likely to increase, significantly;
- the notified polymer has begun to be manufactured in Australia;
- additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

Material Safety Data Sheet

The MSDS of the product containing the notified polymer provided by the notifier was reviewed by NICNAS. The accuracy of the information on the MSDS remains the responsibility of the applicant.

16 PUBLICATION SUMMARY REPORT

Polymer in Polygreen F Series Summary Report Reference No: PLC/923

Elastochem Australia Pty Ltd (ABN 54 373 800 650) of 262 Highett Road, Highett, VIC has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in Polygreen F Series. The notified polymer is intended to be used in the manufacture of flexible polyurethane foam. Up to 2000 tonnes of the notified polymer will be imported per annum for each of the first five years.

Hazard Risk Assessment

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

Human Health Risk Assessment

Under the conditions of the occupational settings described, the notified polymer is not considered to pose an unacceptable risk to the health of workers.

Public Health Assessment

When used in the proposed manner, the notified polymer is not considered to pose an unacceptable risk to public health.

Environmental Risk Assessment

Based on the reported use pattern, the notified polymer is not expected to pose a risk to the environment.

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.

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified polymer as introduced:
 - Avoid skin contact
- 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 *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)], 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 or accidental release of the notified polymer should be handled by physical containment, collection and subsequent safe disposal.

Regulatory Obligations

Secondary Notification

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

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

Under Section 64(1) of the Act; if

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

or

Under Section 64(2) of the Act; if

- the function or use of the notified polymer has changed from the manufacture of flexible polyurethane foam, or is likely to change significantly;
- the amount of notified polymer being introduced has increased, or is likely to increase, significantly;
- the notified polymer has begun to be manufactured in Australia;
- additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

Material Safety Data Sheet

The MSDS of the notified polymer provided by the notifier was reviewed by NICNAS. The accuracy of the information on the MSDS remains the responsibility of the applicant.

17 PUBLICATION SUMMARY REPORT

Polymer ALTU2-15 Summary Report Reference No: PLC/933

Canon Australia Pty Ltd (ABN 66 005 002 951) of 1 Thomas Holt Drive, North Ryde NSW 2113 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer ALTU2-15. The notified polymer is intended to be used as a component of ink for inkjet printers. Less than 5 kilograms of the notified polymer will be imported per annum for each of the first five years.

Hazard Classification

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

Human Health Risk Assessment

Under the conditions of the occupational settings described, the notified polymer is not considered to pose an unacceptable risk to the health of workers.

Public Health Assessment

When used in the proposed manner, the notified polymer is not considered to pose an unacceptable risk to public health.

Environmental Risk Assessment

Based on the reported use pattern, the notified polymer is not expected to pose a risk to the environment.

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 *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)], 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 removal.

Regulatory Obligations

Secondary Notification

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

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

Under Section 64(1) of the Act; if

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

or

Under Section 64(2) of the Act; if

- the function or use of the notified polymer has changed from a component of printing ink in sealed cartridges;
- the amount of notified polymer being introduced has increased, or is likely to increase, significantly;
- the notified polymer has begun to be manufactured in Australia;
- additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

Material Safety Data Sheet

The MSDS of the product containing the notified polymer provided by the notifier was reviewed by NICNAS. The accuracy of the information on the MSDS remains the responsibility of the applicant.

18 PUBLICATION SUMMARY REPORT

Polymer in Resydrol AY 6150w Summary Report Reference No: PLC/940

Cytec Australia Holdings Pty Ltd (ABN 45 081 148 629) of Suite 1, Level 1 Norwest Quay, 21 Solent Circuit, Norwest Business Park Baulkham Hills NSW 2153, has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in Resydrol AY 6150w. The notified polymer is intended to be used as a binder for industrial coatings. Up to 220 tonnes of the notified polymer will be imported per annum for each of the first five years.

Hazard Classification

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

Human Health Risk Assessment

Under the conditions of the occupational settings described, the notified polymer is not considered to pose an unacceptable risk to the health of workers.

Public Health Assessment

When used in the proposed manner, the notified polymer is not considered to pose an unacceptable risk to public health.

Environmental Risk Assessment

Based on the reported use pattern, the notified polymer is not considered to pose a risk to the environment.

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 *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)], workplace practices and control procedures

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

- Spray application should be carried out in accordance with the Safe Work Australia *National Guidance Material for Spray Painting* [NOHSC (1999)].

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.

Regulatory Obligations

Secondary Notification

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

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

Under Section 64(1) of the Act; if

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

or

Under Section 64(2) of the Act; if

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

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

Material Safety Data Sheet

The MSDS of the notified polymer provided by the notifier was reviewed by NICNAS. The accuracy of the information on the MSDS remains the responsibility of the applicant.

19 PUBLICATION SUMMARY REPORT

Polymer in Resydrol AF 502w/35WA Summary Report Reference No: PLC/941

Cytec Australia Holdings Pty Ltd (ABN: 45 081 148 629) of Suite 1, Level 1 Norwest Quay, 21 Solent Circuit, Norwest Business Park Baulkham Hills NSW 2153 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in Resydrol AF 502w/35WA. The notified polymer is intended to be used as a binder for industrial coatings. Up to 100 tonnes of the notified polymer will be imported per annum for each of the first five years.

Hazard Classification

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

Human Health Risk Assessment

Under the conditions of the occupational settings described, the notified polymer is not considered to pose an unacceptable risk to the health of workers.

Public Health Assessment

When used in the proposed manner, the notified polymer is not considered to pose an unacceptable risk to public health.

Environmental Risk Assessment

Based on the reported use pattern, the notified polymer is not considered to pose a risk to the environment.

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.
- Spray painting application should be carried out in accordance with the Safe Work Australia *National Guidance Material for Spray Painting* [NOHSC (1999)].

- 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 *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)], 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.

Regulatory Obligations

Secondary Notification

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

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

Under Section 64(1) of the Act; if

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

or

Under Section 64(2) of the Act; if

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

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

Material Safety Data Sheet

The MSDS of the product containing the notified polymer provided by the notifier was reviewed by NICNAS. The accuracy of the information on the MSDS remains the responsibility of the applicant.

20 PUBLICATION SUMMARY REPORT

**Polymer in X-10175
Summary Report
Reference No: EX/145**

Afton Chemical Asia Pacific LLC (ABN 99 109 644 288) of Level 9, 20 Berry Street, North Sydney, NSW 2060 and Mobil Oil Australia Pty. Ltd. (ABN 88 004 052 984) of 29 Francis Street, Yarraville, VIC 3013 have submitted a limited notification statement in support of their application for an assessment certificate for Polymer in X-10175. The notified polymer is intended to be used as a viscosity modifier in automatic transmission fluids for vehicles (lubricant additive) at < 2%. Up to 3 tonnes of the notified polymer will be imported per annum for each of the first five years.

Since the assessment certificate has been granted for the above notified polymer, Perkal Pty Ltd (ABN 43 009 283 363) of 14 Beete St Welshpool WA 6106 has submitted an application for extension of the original assessment certificate (No.2724 LTD/1353), together with a written agreement of the current holders of the original certificate, Afton Chemical Asia Pacific LLC and Mobil Oil Australia Pty. Ltd. The notified polymer will be imported in a finished automatic transmission fluid at <2%. Up to 1 tonne of the notified polymer will be imported per annum for each of the first five years. The use of the notified polymer will not change.

Hazard Classification

Based on the available data the notified polymer cannot be classified as hazardous under the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)].

Human Health Risk Assessment

Under the conditions of the occupational settings described, the notified polymer is considered not to pose an unacceptable risk to the health of workers.

Public Health Assessment

When used in the proposed manner, the notified polymer is considered not to pose an unacceptable risk to public health.

Environmental Risk Assessment

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

Risk assessment and recommendations relating to Extension Application

The use and the fate of the notified polymer will not change under the proposed extension. The increase in proposed introduction volume is not expected to significantly change the environment and health impacts. Therefore, there are no changes required in the existing risk assessment and recommendations.

Recommendations

Control Measures

Occupational Health and Safety

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

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

- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)] 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 or by re-refining or authorised incineration.

Emergency procedures

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

Regulatory Obligations

Secondary Notification

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

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

Under Section 64(2) of the Act; if

- the function or use of the chemical has changed from a viscosity modifier in automatic transmission fluids for vehicles (lubricant additive) at < 2%, or is likely to change significantly;
- the amount of chemical being introduced has increased from 3 tonnes per year, or is likely to increase, significantly;
- if the chemical has begun to be manufactured in Australia;
- additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

No additional secondary notification conditions are stipulated.

Material Safety Data Sheet

The MSDS of the products containing the notified polymer provided by the notifier were reviewed by NICNAS. The accuracy of the information on the MSDS remains the responsibility of the applicant.

Extension Application

The applicant for extension application has provided a MSDS of a product containing the notified polymer. The accuracy of the information on the MSDS remains the responsibility of the extension applicant.

21 PUBLICATION SUMMARY REPORT

**Z-76
Summary Report
Reference No: EX/147**

Lubrizol International, Inc. (ABN 52 073 495 603) of 28 River Street, Silverwater, NSW 2128 has submitted a standard notification statement in support of their application for an assessment certificate for Z-76. The notified chemical is intended to be used as an additive in automatic transmission fluids. Up to 5 tonnes 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 chemical, Perkal Pty Ltd (Trading as Statewide Oil Distributors) (ABN 43 009 283 363) of 14 Beete St, Welshpool WA 6106 has submitted an application for extension of the original assessment certificate (No. 2702, STD/1281), together with a written agreement of the holder of the original certificate (Lubrizol International, Inc.) for importing up to 1 tonne of the notified chemical per annum. The use of notified chemical will remain the same.

Human Health Risk Assessment

Under the conditions of the occupational settings described, the notified chemical is not considered to pose an unacceptable risk to the health of workers, provided that the notified chemical is handled in such a way as to minimise any potential exposure. Good working practices should be followed and appropriate personal protective equipment should be used where exposure might occur during handling.

When used in the proposed manner, the notified chemical is not considered to pose an unacceptable risk to the health of general public. However, the risk of a sensitisation response in exposed individuals cannot be ruled out.

Environmental Risk Assessment

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

Risk assessment and recommendations relating to extension application

The proposed use and fate of the notified polymer will not change under the proposed extension. The circumstances in the extension application are not expected to impact on the original human health and environment risk assessment. Therefore, there are no changes required in the existing risk assessment and recommendations.

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:
 - R38 Irritating to the skin

- R43 May cause sensitisation by skin contact
- R48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed

- S24 Avoid contact with skin
- S27 take off immediately all contaminated clothing
- S28 After contact with skin, wash immediately with plenty of water
- S36 Wear suitable protective clothing
- S37 Wear suitable gloves

- Use the following risk phrases for products/mixtures containing the notified chemical:
 - Conc \geq 1% R43
 - Conc \geq 10% R48/22
 - Conc \geq 20% R38

- The National Drugs and Poisons Scheduling Committee (NDPSC) should consider the notified chemical for listing on the SUSDP.

Health Surveillance

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

Control Measures

Occupational Health and Safety

- Employers should implement the following isolation and engineering controls to minimise occupational exposure to the notified chemical during formulation for in finished products:
 - Prevent leaks and spills
 - Wherever possible, direct handling of the notified chemical should be avoided; rather, some remote handling apparatus should be used.

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical during formulation and use of finished products:
 - Avoid contact with skin, eyes and clothing.
 - Avoid breathing mists.
 - A shower station should be available.
 - Avoid spills and splashing during use.
 - After exposure, any contaminated PPE should be thoroughly cleaned before re-use.

- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical during formulation and use of finished products:
 - Chemical resistant gloves
 - Chemical resistant clothing which protects the body, arms, legs and feet

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

- Only workers with sufficient education on the hazards of the notified chemical should handle it in any concentrated form, such as the imported product.
- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified chemical are classified as hazardous to health in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances*, workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Public Health

- The following measures should be taken by notifier to minimise public exposure to the notified chemical. Products available to the public should contain the following warning statement:
 - Wear gloves when using
 - May cause allergic skin reaction

Environment

- The notified chemical should be disposed of by re-refining or authorised incineration.
- Spills or accidental release of the notified chemical should be handled by physical containment such as diking, whilst preventing entry into waterways and sewers. Collect free liquid for reuse to the extent practicable and dispose of the remainder. Residual liquid may be absorbed onto inert material (vermiculite, sand etc.) and collected for disposal.

Regulatory Obligations

Secondary Notification

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

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

Under Section 64(2) of the Act; if

- the function or use of the chemical has changed from an additive in automatic transmission fluids, or is likely to change significantly;
- the amount of chemical being introduced has increased from up to 5 tonnes, or is likely to increase, significantly;
- if the chemical has begun to be manufactured in Australia;
- additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

Material Safety Data Sheet

The MSDS of the notified chemical and products containing the notified chemical provided by the notifier were reviewed by NICNAS. The accuracy of the information on the MSDS remains the responsibility of the applicant.

Extension Application:

The applicant for extension application has provided the MSDS of the product containing the notified chemical. The accuracy of the information on the MSDS remains the responsibility of the extension applicant.

22 PUBLICATION SUMMARY REPORT

**Z-70
Summary Report
Reference No: EX/149**

Lubrizol International, Inc.(ABN: 52 073 495 603) of 28 River St. has submitted a standard notification statement in support of their application for an assessment certificate for Z-70. The notified chemical is intended to be used as a lubricant additive for use in automotive transmission fluids. Up to three tonnes 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 chemical, Lubes Direct Pty Ltd (ABN 72 117 841 308) of 174 Coreen Avenue, Penrith NSW 2750 has submitted an application for extension of the original assessment certificate (No. 2461, STD/1223), together with a written agreement of the holder of the original certificate (Lubrizol International, Inc.) for importing up to 3 tonnes of the notified chemical per annum. The use of notified chemical will remain the same.

Hazard Assessment

Based on the available data, the notified chemical is classified as a hazardous substance in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances* (NOHSC 2004). The following risk and safety phrases apply to the chemical:

- R38 Irritating to the skin (cut-off for classification $\geq 20\%$)
- R43 May cause sensitisation by skin contact (cut-off for classification $\geq 1\%$)

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 following the recommended safety instructions on the labels of the products available to the public.

Environmental Effects

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

Risk assessment and recommendations relating to extension application

The proposed use and fate of the notified polymer will not change under the proposed extension. The circumstances in the extension application are not expected to impact on the original human health and environment risk assessment. Therefore, there are no changes required in the existing risk assessment and recommendations.

Recommendations

Regulatory Controls

Hazard Classification and Labelling

- The Office of the ASCC, Department of Employment and Workplace Relations (DEWR), should consider the following hazard classification for the notified chemical:
 - R38 Irritating to the skin
 - R43 May cause sensitisation by skin contact
 - S24/25 Avoid contact with skin and eyes
 - S37 Wear suitable gloves
- Use the following risk phrases for products/mixtures containing the notified chemical:
 - Conc \geq 1% R43 May cause sensitisation by skin contact
 - Conc \geq 20% R38 Irritating to skin
- The National Drugs and Poisons Scheduling Committee (NDPSC) should consider the notified chemical for listing on the SUSDP.
- Products containing \geq 1% notified chemical and available to the public must carry the following safety directions on the label:
 - May cause sensitisation

Health Surveillance

- As the notified chemical is a skin sensitizer, employers should carry out health surveillance for any worker who has been identified in the workplace risk assessment as having a significant risk of skin sensitisation.

Control Measures

Occupational Health and Safety

- Employers should implement the following isolation and engineering controls to minimise occupational exposure to the notified chemical during formulation for in finished products:
 - Couplings should be employed for transfers between storage and blending tanks and blending tanks should be fully enclosed.
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical during formulation and use of finished products:
 - spillage should be avoided
 - spillage should be cleaned up using appropriate absorbents and placed into containers for disposal
 - contact with skin should be avoided

- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical during formulation and use of finished products:
 - nitrile or neoprene gloves
 - chemical impervious clothing
 - safety glasses or face shield

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.

Public Health

- The following measures should be taken by notifier to minimise public exposure to the notified chemical:
 - Products available to the public should contain the following warning statement:
Wear gloves when using, may cause allergic skin reaction.

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 concentration of the notified chemical in consumer products has changed, or is likely to change significantly.

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.

Material Safety Data Sheet

The MSDS of the products containing the notified chemical provided by the notifier were reviewed by NICNAS. The accuracy of the information on the MSDS remains the responsibility of the applicant.

Extension Application:

The applicant for extension application has provided an MSDS of a product containing the notified chemical. The accuracy of the information on the MSDS remains the responsibility of the extension applicant.

23 PUBLICATION SUMMARY REPORT

**Z-76
Summary Report
Reference No: EX/150**

Lubrizol International, Inc. (ABN 52 073 495 603) of 28 River Street, Silverwater, NSW 2128 has submitted a standard notification statement in support of their application for an assessment certificate for Z-76. The notified chemical is intended to be used as an additive in automatic transmission fluids. Up to 1 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 chemical, Lubes Direct Pty Ltd (ABN 72 117 841 308) of 174 Coreen Avenue, Penrith NSW 2750 has submitted an application for extension of the original assessment certificate (No. 2702, STD/1281), together with a written agreement of the holder of the original certificate (Lubrizol International, Inc.) for importing up to 1 tonne of the notified chemical per annum. The use of notified chemical will remain the same.

Human Health Risk Assessment

Under the conditions of the occupational settings described, the notified chemical is not considered to pose an unacceptable risk to the health of workers, provided that the notified chemical is handled in such a way as to minimise any potential exposure. Good working practices should be followed and appropriate personal protective equipment should be used where exposure might occur during handling.

When used in the proposed manner, the notified chemical is not considered to pose an unacceptable risk to the health of general public. However, the risk of a sensitisation response in exposed individuals cannot be ruled out.

Environmental Risk Assessment

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

Risk assessment and recommendations relating to extension application

The proposed use and fate of the notified polymer will not change under the proposed extension. The circumstances in the extension application are not expected to impact on the original human health and environment risk assessment. Therefore, there are no changes required in the existing risk assessment and recommendations.

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:
 - R38 Irritating to the skin

- R43 May cause sensitisation by skin contact
- R48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed

- S24 Avoid contact with skin
- S27 take off immediately all contaminated clothing
- S28 After contact with skin, wash immediately with plenty of water
- S36 Wear suitable protective clothing
- S37 Wear suitable gloves

- Use the following risk phrases for products/mixtures containing the notified chemical:
 - Conc \geq 1% R43
 - Conc \geq 10% R48/22
 - Conc \geq 20% R38

- The National Drugs and Poisons Scheduling Committee (NDPSC) should consider the notified chemical for listing on the SUSDP.

Health Surveillance

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

Control Measures

Occupational Health and Safety

- Employers should implement the following isolation and engineering controls to minimise occupational exposure to the notified chemical during formulation for in finished products:
 - Prevent leaks and spills
 - Wherever possible, direct handling of the notified chemical should be avoided; rather, some remote handling apparatus should be used.

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical during formulation and use of finished products:
 - Avoid contact with skin, eyes and clothing.
 - Avoid breathing mists.
 - A shower station should be available.
 - Avoid spills and splashing during use.
 - After exposure, any contaminated PPE should be thoroughly cleaned before re-use.

- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical during formulation and use of finished products:
 - Chemical resistant gloves
 - Chemical resistant clothing which protects the body, arms, legs and feet

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

- Only workers with sufficient education on the hazards of the notified chemical should handle it in any concentrated form, such as the imported product.
- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified chemical are classified as hazardous to health in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances*, workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Public Health

- The following measures should be taken by notifier to minimise public exposure to the notified chemical. Products available to the public should contain the following warning statement:
 - Wear gloves when using
 - May cause allergic skin reaction

Environment

- The notified chemical should be disposed of by re-refining or authorised incineration.
- Spills or accidental release of the notified chemical should be handled by physical containment such as diking, whilst preventing entry into waterways and sewers. Collect free liquid for reuse to the extent practicable and dispose of the remainder. Residual liquid may be absorbed onto inert material (vermiculite, sand etc.) and collected for disposal.

Regulatory Obligations

Secondary Notification

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

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

Under Section 64(2) of the Act; if

- the function or use of the chemical has changed from an additive in automatic transmission fluids, or is likely to change significantly;
- the amount of chemical being introduced has increased from up to 5 tonnes, or is likely to increase, significantly;
- if the chemical has begun to be manufactured in Australia;
- additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

Material Safety Data Sheet

The MSDS of the notified chemical and products containing the notified chemical provided by the notifier were reviewed by NICNAS. The accuracy of the information on the MSDS remains the responsibility of the applicant.

Extension Application:

The applicant for extension application has provided MSDS of a product containing the notified chemical. The accuracy of the information on the MSDS remains the responsibility of the extension applicant.

24 ACCESS TO FULL PUBLIC REPORT

NICNAS publishes a Full Public Report for each new chemical assessed. These reports are available for inspection at our NICNAS office by appointment only at Level 7, 260 Elizabeth St Surry Hills NSW 2010.

Reports can also be viewed and downloaded free of charge from our website at <http://www.nicnas.gov.au/>. Copies of these reports may also be requested, free of charge, by contacting the Administration Section of NICNAS by phone: (02) 8577 8815 or fax: (02) 8577 8888.

25 EARLY INTRODUCTION PERMITS FOR NON-HAZARDOUS INDUSTRIAL CHEMICALS

The permits listed in Table 1 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 1

Early Introduction Permits

PERMIT NUMBER	COMPANY NAME	CHEMICAL OR TRADE NAME	USE
701	International Sales & Marketing Pty Ltd	Melflux 5581 F	Component of cement construction materials
704	Huntsman Polyurethanes (Australia) Pty Ltd	Polymer in Stepanpol PS-1922	Component of insulation foam
705	DuPont (Australia) Ltd	RCP20280	Industrial surface coating
706	Nuplex Industries (Aust) Pty Ltd	Polymer in Setalux 17-2450	Component of industrial automotive coatings
707	De Beer Australasia Pty Limited		

26 LOW VOLUME CATEGORY PERMITS

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

Table 2
Low Volume Category Permits

PERMIT NUMBER	COMPANY NAME	COMPANY POSTCODE	CHEMICAL OR TRADE NAME	HAZARDOUS SUBSTANCE	USE
905	Mary Kay Cosmetics Pty Ltd	3180	Hexanoic acid, 2-ethyl-, 1,1'-(2, 2-dimethyl-1,3-propanediyl) ester	ND	Cosmetic ingredient at concentrations up to 5%
906	International Flavours & Fragrances Aust Pty Ltd	3175	Benzoic acid, 2,4-dihydroxy-3-methyl-, methyl ester	Yes	Component of a fragrance oil for use in consumer products
907	Lubrizol International Inc	2128	Hexanoic acid, 2-ethyl-, 1,1'-(2, 2-dimethyl-1,3-propanediyl) ester	ND	Cosmetic ingredient at concentrations up to 5%

N.D.: not determined; insufficient data available to effect a health effects classification under Approved Criteria [NOHSC:1008(2004)]

Low hazardous: Meets criteria prescribed under the Industrial Chemicals (Notification and Assessment) Regulations 1990

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

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

Table 3

Chemicals Eligible for Listing on the Australian Inventory of Chemical Substances

CHEMICAL NAME	MOLECULAR FORMULA	CAS NUMBER
Hexanedioic acid, polymer with hexahydro-2H-azepin-2-one and .alpha.-hydro-.omega.-hydroxypoly(oxy-1,2-ethanediyl)	$(C_6H_{11}NO.C_6H_{10}O_4.(C_2H_4O)_n H_2O)_x$	9033-87-8
Hexanedioic acid, polymer with (chloromethyl)oxirane, 2-ethyl-2-(hydroxymethyl)-1,3-propanediol, 4,4'-(1-methylethylidene)bis[phenol] and oxirane, 2-propenoate	$(C_{15}H_{16}O_2.C_6H_{14}O_3.C_6H_{10}O_4.C_3H_5ClO.C_2H_4O)_x.xC_3H_4O_2$	184181-05-3
Spiro[isobenzofuran-1(3H),9'-[9H]xanthen]-3-one, 3',6'-dihydroxy-, potassium salt, (1:2)	$C_{20}H_{12}O_5.2K$	6417-85-2
Benzoic acid, 2-[[[6-[[5-[[2, 7-dihydro-3-methyl-2, 7-dioxo-1-(3-sulfobenzoyl)-3H-naphtho[1,2,3-de]quinolin-6-yl]amino]2,4-disulfophenyl]amino]-1,4-dihydro-4-oxo-1,3,5-triazin-2-yl]amino]-, sodium salt, (1:4)	$C_{40}H_{27}N_7O_{15}S_3.4Na$	554410-16-1
Copper, [29H,31H-phthalocyaninato(2-)-.kappa.N29, .kappa.N30, .kappa.N31, .kappa.N32]-, [[2-[[4-amino-6-[(2,5-disulfonophenyl)amino]-1,3,5-triazin-2-yl]amino]ethyl]amino]sulfonyl aminosulfonyl sulfo derivs., sodium salts	Unspecified	556054-22-9
2-Propenoic acid, 2-methyl-, 3-(dimethoxymethylsilyl)propyl ester, polymer with butyl 2-propenoate, methyl 2-methyl-2-propenoate and octadecyl 2-methyl-2-propenoate, 2,2'-(1,2-diazenediyl)bis[2-methylbutanenitrile]-initiated	Unspecified	185529-22-0

Ethanol, 2-amino-, reaction products with cyclohexane and peroxidised N-butyl-2,2,6,6-tetramethyl-4-piperidinamine-2,4,6-trichloro-1,3,5-triazine reaction products	Unspecified	191743-75-6
Poly(oxy-1,2-ethanediyl), .alpha.-(2-propylheptyl)-.omega.-hydroxy-	$(C_2H_4O)_n C_{10}H_{22}O$	160875-66-1
2,7-Naphthalenedisulfonic acid, 3-[2-[4-[2-[4-[2-[5-(aminocarbonyl)-1-ethyl-1,6-dihydro-2-hydroxy-4-methyl-6-oxo-3-pyridinyl]diazanyl]-2-sulfohenyl]diazanyl]-2,5-bis(2-hydroxyethoxy)phenyl]diazanyl]-4,5-dihydroxy-, potassium sodium salt (1:?:?)	$C_{35}H_{34}N_8O_{18}S_3 \cdot xK \cdot xNa$	1072007-92-1

28 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 4

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

CHEMICAL NAME	MOLECULAR FORMULA	CAS NUMBER
2-Butenedioic acid (2Z)-, bis(2-ethylhexyl)ester, polymer with ethene and ethenyl acetate, graft	$(C_{20}H_{36}O_4.C_4H_6O_2.C_2H_4)_x$	213698-34-1
Benzenemethanaminium, N,N-dimethyl-N-[2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]ethyl]-, chloride (1:1), polymer with ethenylbenzene, 2-ethylhexyl 2-methyl-2-propenoate and .alpha.-(2-methyl-1-oxo-2-propen-1-yl)-.omega.-hydroxypoly[oxy(methyl-1,2-ethanediyl)], 2,2'-(1,2-diazenediyl)bis[2-methylbutanenitrile]-initiated	Unspecified	1227680-79-6
Benzoic acid, 2-[2-[8-[[4,5-dihydro-6-(4-morpholinyl)-4-oxo-1,3,5-triazin-2-yl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazonyl]-, lithium sodium salt (1:?:?)	$C_{24}H_{21}N_7O_{11}S_2.xLi.xNa$	1239955-37-3