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of Australia

Gazette

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CHEMICAL

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Australian Government

Department of Health and Ageing
NICNAS

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

CONTENTS

SPECIAL NOTICES

1	DRAFT PRIORITY EXISTING CHEMICAL REPORT FOR FORMALDEHYDE	6
2	ADDENDUM – CHEMICAL GAZETTE PUBLISHED ON 2 AUGUST 2005	7
3	DRAFT PRIORITY EXISTING CHEMICAL REPORT FOR TRIS(2,3-DIBROMOPROPYL) PHOSPHATE (TBPP)	8
4	DECISIONS REGARDING REQUESTS TO VARY REPORT FOR POLYMER IN E7581	9
5	REGULATIONS TO IMPLEMENT THE ROTTERDAM CONVENTION ON THE PRIOR INFORMED CONSENT PROCEDURE FOR CERTAIN HAZARDOUS CHEMICALS AND PESTICIDES IN INTERNATIONAL TRADE	10
6	REMOVAL OF OCTABROMOBIPHENYL AND DECABROMOBIPHENYL FROM AICS	13
7	AMENDMENTS TO THE ADOPTED NATIONAL EXPOSURE STANDARDS FOR ATMOSPHERIC CONTAMINANTS IN THE OCCUPATIONAL ENVIRONMENT (SOURCE A UPDATES) 2005	14

NEW CHEMICALS

SUMMARY REPORTS

8	STD/1094	SAKRILUBE 900	17
9	STD/1156	APPLEIDE	20
10	LTD/1076	DONOR S1	22
11	LTD/1115	MACROMELT 6797	24
12	LTD/1177	POLYMER IN BELCLENE 499	26
13	LTD/1189	POLYMER IN E7844	28

14	LTD/1197	2(3H)-FURANONE, DIHYDRO-3-HYDROXY-4,4-DIMETHYL-	30
15	LTD/1203	TINOSORB S	32
16	PLC/531	POLYMER IN FLO XLE AND FLO MXP PIPELINE BOOSTER	34
17	PLC/544	POLYMER IN ADVANCELL AEM001	36
18	PLC/545	VISCOPLEX 12/6322	38
19	PLC/547	POLYMER IN POLYURETHANE DISPERSION 65422	40
20	PLC/562	POLYMER IN F-25	43
21	PLC/567	SILOXANES AND SILICONES, DI-ME, 3-HYDROXYPROPYL ME, ETHERS WITH POLYETHYLENE GLYCOL MONOEICOSANOATE	45
22	PLC/574	POLYMER IN RC 49917	48
23	PLC/583	POLYMER IN CYDROTHANE HP-5000/6000 SERIES	50
24	PLC/586	RCP-47100	53
25	SAPLC/2	POLYURETHANE POLYMER IN WR-18-9264	55
26	EX/75	W-663	57
27	ACCESS TO FULL PUBLIC REPORT		60
PERMITS ISSUED			
28	LOW VOLUME CHEMICAL PERMITS		61
29	EARLY INTRODUCTION PERMITS		62
AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES			

30	NOTICE OF CHEMICALS ELIGIBLE FOR LISTING ON THE AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES FIVE YEARS AFTER ISSUING OF ASSESSMENT CERTIFICATES	64
31	NOTICE OF CHEMICALS ELIGIBLE FOR IMMEDIATE LISTING ON THE AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES AFTER ISSUING OF ASSESSMENT CERTIFICATES	66

1 DRAFT PRIORITY EXISTING CHEMICAL REPORT FOR FORMALDEHYDE

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

Under Section 60D of the Act, the draft PEC report was given to applicants for 28 days to enable corrections of any errors. The draft report has been corrected and is now available for public comment.

The report presents a summary and evaluation of information relevant to a full assessment of formaldehyde, covering uses, exposure, effects on human health and the environment, and the risks of adverse effects the chemical may cause to the environment and people of Australia. Recommendations on reducing the risks are made.

The draft report (hard copy or read-only electronic copy) may be requested by contacting Dr Jun Zhang by phone **(02) 8577 8882** or fax **(02) 8577 8888** or email to jun.zhang@nicnas.gov.au. Requests should clearly state which form (hard copy or electronic copy) is required. The draft report is also available on the NICNAS website at <http://www.nicnas.gov.au/news>.

Variation requests should be received in writing by NICNAS by close of business on **4 October 2005**. This is a statutory deadline, which cannot be extended.

Submission format for variation requests

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

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

2 ADDENDUM – CHEMICAL GAZETTE PUBLISHED ON 2 AUGUST 2005

There was an error on page 11, Candidate List of Chemicals, of the above Gazette. Polyvinyl chloride noted in the second paragraph should read as polyvinyl acetate. Correct text is included below:

The Candidate List of chemicals along with the Standby section of the List has been reviewed and updated as of July 2005.

Chemicals contained in the standby section of the Candidate List were reviewed to determine whether the awaited data has become available. Where new information has come to hand this has been reviewed and the status of all the chemicals on the List redetermined. Two (2) new nominations (Polyvinyl acetate and Iron pentacarbonyl) were received and have been screened. Polyvinyl acetate met the selection criteria and has been added to the Candidate List. Iron pentacarbonyl did not meet the selection criteria and a summary of the information on this chemical is provided in Attachment 1.

3 DRAFT PRIORITY EXISTING CHEMICAL REPORT FOR TRIS(2,3-DIBROMOPROPYL) PHOSPHATE (TBPP)

In accordance with section 60E(1) of the *Industrial Chemicals (Notification and Assessment) Act* 1989 (the Act), as amended, notice is hereby given by the Director that the draft Priority Existing Chemical (PEC) assessment report for Tris(2,3-dibromopropyl) phosphate (TBPP) is now available for public comment.

Under Section 60D of the Act, the draft PEC report was given to the applicant for 28 days to enable corrections of any errors. No corrections to the report were received during this stage. Release of the draft report for public comment was delayed as additional information was provided to the Director, late in the Corrections Stage. The Director was notified that TBPP-treated textiles were being imported into Australia. The information was followed up, and NICNAS has confirmed that the product used to treat the imported textiles does not contain TBPP. No amendments to the draft report have been made.

The report presents a summary and evaluation of information relevant to a full assessment of TBPP, covering uses, exposure, effects on human health and the environment, and the risks of adverse effects the chemical may cause to the environment and people of Australia. Recommendations on reducing the risks are made.

The draft report (hard or read-only electronic copy) may be requested by contacting Dr Marie Verghis by phone **(02) 8577 8848** or fax **(02) 8577 8888** or email to marie.verghis@nicnas.gov.au. Requests should clearly state which form (hard or electronic copy) is required. The draft report is also available on the NICNAS website at http://www.nicnas.gov.au/publications/Notices_Drafts/TRIS_Draft_PDF.pdf

Variation requests should be received in writing by NICNAS by close of business on **4 October 2005**. This is a statutory deadline, which cannot be extended.

Submission format for variation requests

Any requests for variation must be made with respect to the draft report and accompanied by a completed application form (NICNAS Form 4a) which is available on the NICNAS website at: http://www.nicnas.gov.au/Forms/Existing_Chemicals/Form4aPDF.pdf.

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

4 DECISIONS REGARDING REQUESTS TO VARY REPORT FOR POLYMER IN E7581

In accordance with section 60E(6) of the Industrial Chemicals (Notification and Assessment) Act 1989, notice is hereby given by the Director that a decision has been made on each request to vary the draft Priority Existing Chemical (PEC) report on Polymer in E7581.

A copy of the decisions can be obtained at:

http://www.nicnas.gov.au/publications/Notices_Drafts/E7581Decisions_PDF.pdf

Or

NICNAS
334-336 Illawarra Rd
Marrickville NSW 2204

GPO Box 58
Sydney NSW 2001

Or

Dr Marie Verghis on (02) 8577 8848 or email: marie.verghis@nicnas.gov.au.

5 REGULATIONS TO IMPLEMENT THE ROTTERDAM CONVENTION ON THE PRIOR INFORMED CONSENT PROCEDURE FOR CERTAIN HAZARDOUS CHEMICALS AND PESTICIDES IN INTERNATIONAL TRADE

Australia ratified the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade, Rotterdam Convention (the Convention) on 20 May 2004 and the Convention entered into force for Australia on 18 August 2004. NICNAS is responsible for implementing, for industrial chemicals, the obligations of the Convention.

As a Party to the Convention, Australia must ensure that the chemicals listed in Annex III of the Rotterdam Convention are not exported to countries that do not wish to receive them. Annex III contains chemicals that have been notified as severely restricted or banned due to health or environmental reasons by participating countries. Two new industrial chemicals have been added to the Annex III effective 1 February 2005. These chemicals are

CHEMICAL	OTHER NAMES	CAS NUMBER
Tetraethyl lead	Plumbane, tetraethyl-TEL	78-00-2
Tetramethyl lead	Plumbane, tetramethyl-TML	75-74-1

Tetra ethyl Lead and Tetra methyl lead

New regulations made for the purposes of section 106 of the *Industrial Chemicals (Notification and Assessment) Act 1989* (the Act) are necessary to put controls in place for the import and export of

Tetra ethyl lead CAS No. 78-00-2
 Tetra methyl lead CAS No. 75-74-1.

The Director of NICNAS sought information under section 100G of the *Industrial Chemicals (Notification and Assessment) Act 1989* (the Act) on tetramethyl lead and tetraethyl lead via a notice calling for information published in the *Chemical Gazette* of 1 February 2005.

Information obtained from responses to the section 100G Gazette Notice was supplemented by information obtained by NICNAS from the Australian Customs Service regarding goods that may contain the chemicals. A summary of the information collected was published in the *Chemical Gazette* of 2 August and can be accessed at

http://www.nicnas.gov.au/Publications/Chemical_Gazette/PDF/2005aug_whole.pdf#page=6.

Polybrominated Biphenyls (PBBs)

New regulations made for the purposes of section 106 of the *Industrial Chemicals (Notification and Assessment) Act 1989* (the Act) are also necessary to put controls in place for the import of two Polybrominated Biphenyls (PBBs)

Octabromobiphenyl CAS No 27858-07-7
 Decabromobiphenyl CAS No 13654-09-6

These two chemicals were declared priority existing chemicals (PECs) in July 2004. No applications for assessment were received by the Director of NICNAS in the twelve months

since declaration indicating that these chemicals are not imported into or manufactured in Australia. The two polybrominated biphenyls will therefore be removed from the Australian Inventory of Chemical Substances (AICS). More information on these chemicals is provided in the Attachment to this notice.

Export controls are currently in place for these two chemicals under section 106 of the Act.

For further information or assistance please contact Dr Sneha Satya on 02 8577 8880 or email Sneha.satya@nicnas.gov.au

Background information to the Rotterdam Convention may be accessed from the NICNAS website at http://www.nicnas.gov.au/Treaties/Rotterdam_Convention.asp

Polybrominated Biphenyls (PBBs)

The Octabromobiphenyl (CAS No 27858-07-7) and Decabromobiphenyl (CAS No 13654-09-6) are polyhalogenated organo compounds.

Identified Trade names and synonyms:

Firemaster BP-6 HFO 101

Firemaster FF-1 hexabromobiphenyl

Bromkal 80, Flammex B-10

Adine 0102 hbb

obb BB-8

Berkflam B10

6 REMOVAL OF OCTABROMOBIPHENYL AND DECABROMOBIPHENYL FROM AICS

Octabromobiphenyl (CAS No. 27858-07-7) and decabromobiphenyl (CAS No. 13654-09-6) have been priority existing chemicals (PECs) since 6 July 2004. Both chemicals are listed in Annex III of the Rotterdam Convention. Annex III contains chemicals that have been notified as severely restricted or banned due to health or environmental reasons by other countries participating in the Prior Informed Consent Procedure. The two polybrominated biphenyls (PBBs) were declared as PECs to determine importation and extent of use of these chemicals in Australia and assist in formulating Australia's importing country response for the purposes of the Rotterdam Convention.

While octabromobiphenyl and decabromobiphenyl have been Priority Existing Chemicals (PECs) for 12 months applications for assessment have not been received. This indicates that these chemicals are not imported into or manufactured in Australia. Therefore, as per section 63 of the *Industrial Chemicals (Notification and Assessment) Act 1989* (the Act) these chemicals will be removed from the Australian Inventory of Chemical Substances (AICS). Further regulatory activity will also be taken to severely restrict the use of octabromobiphenyl and decabromobiphenyl given the concerns for human health and the environment from the use of these chemicals. More information on these chemicals is provided in a separate notice (Notice No.5) in this *Gazette*.

For further information or assistance please contact Dr Janith Wickramaratna on (02) 8577 8846 or email: janith.wickramaratna@nicnas.gov.au.

7 AMENDMENTS TO THE ADOPTED NATIONAL EXPOSURE STANDARDS FOR ATMOSPHERIC CONTAMINANTS IN THE OCCUPATIONAL ENVIRONMENT (SOURCE A UPDATES) 2005

Under section 38 of the *National Occupational Health and Safety Commission Act 1985* (Cwlth), the National Occupational Health and Safety Commission (NOHSC) declares amendments to the *Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment* [NOHSC:1003(1995)].

TITLE

These amendments may be cited as *Amendments to the Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment* [NOHSC:1003(1995)] *Source A Updates 2005*.

OBJECTIVE

The objective of these amendments is to update the national exposure standards maintained by NOHSC with new and revised standards.

In preparation for declaring amendments to the national exposure standards, NOHSC invited representations from any interested persons to identify issues of concern and those requiring attention. Representations were received between November 2003 and February 2004 and again between October 2004 and January 2005.

NOHSC has, after considering public representations, declared the following amendments to the national exposure standards:

Substance	TWA		STEL		Notices
	ppm	mg/m ³	ppm	mg/m ³	
Ammonium Persulfate		0.01	Peak limitation		
2-Butoxyethanol	20	96.9	50	242	Sk
2-Butoxyethyl acetate	20	133	50	333	Sk
n-Butyl acrylate	1	5	5	26	
e-Caprolactam (dust and vapour)		10		20	
Chloroform	2	10			Sk
Cumene	25	125	75	375	Sk
o-Dichlorobenzene	25	150	50	301	
1,1-Dichloroethane	100	412			Sk
N,N-Dimethylethylamine	10	30	15	45	
1,4-Dioxane	10	36			Sk
Ethylene glycol (particulate)		10			Sk
Ethylene glycol (vapour)	20	52	40	104	Sk

Substance	TWA		STEL		Notices
	ppm	mg/m ³	ppm	mg/m ³	
Lindane	0.008	0.1			Sk
(2-Methoxymethylethoxy)propanol	50	308			Sk
1-Methoxy-2-propanol acetate	50	274	100	548	Sk
5-Methylheptan-3-one	10	53	20	107	
1-Methyl-2-pyrrolidone	25	103	75	309	Sk
Mercury, aryl compounds (as Hg)		0.1			Sk
Mercury, inorganic divalent compounds (as Hg)	0.003	0.025			
Mercury, inorganic monovalent compounds (as Hg)		0.1			Sk
Monochloroacetic acid	0.3	1.2			Sk
2,2'-Oxybis[ethanol]	23	100			
Piperidine	1	3.5			Sk
Potassium Persulfate		0.01	Peak limitation		
Sodium Persulfate		0.01	Peak limitation		
Sulfotep	0.007	0.1			Sk
Toluene	50	191	150	574	Sk
1,1,1-Trichloroethane	100	555	200	1110	
Trichloroethylene	10	54	40	216	Sk
Triethylamine	2	8	4	17	

Background

The objective of exposure standards is to reduce the potential for adverse health outcomes caused by exposure to workplace atmospheric contaminants.

NOHSC reviews and updates the national exposure standards to:

- address differences between the national exposure standards and those standards adopted by comparable overseas occupational health and safety (OHS) agencies;
- enable the efficient introduction of contemporary practice in health and safety measures into the Australian workplace;
- limit exposure to atmospheric contaminants to acceptable levels; and
- provide a safer working environment that reflects the current level of knowledge.

These national exposure standards have been sourced from both the British Health and Safety Executive and National Industrial Chemical Notification and Assessment Scheme (NICNAS), and have been adopted through the NOHSC fast-track process.

HOW COPIES MAY BE OBTAINED

Copies of the amendments may be obtained from the National Occupational Health and Safety Commission's web site at www.nohsc.gov.au. The Hazardous Substances Information System (HSIS) contains the consolidated national exposure standards. HSIS can be accessed from the NOHSC website at <http://www.nohsc.gov.au/applications/hsis/>.

Sandra Parker
Acting Chief Executive Officer
National Occupational Health and Safety Commission
GPO Box 1577
Canberra ACT 2601

8 PUBLICATION SUMMARY REPORT

Sakuralube 900 Summary Report Reference No: STD/1094

Lubrizol International Inc, (ABN 52 073 495 603) of 28 River Street, Silverwater NSW 2128 and Sojitz Australia Ltd (ABN 16 000 213 132) of 28th Floor, MKC Building, 459 Collins Street, Melbourne VIC 3000 have submitted a standard notification statement in support of their application for an assessment certificate for Sakuralube 900. The notified chemical is intended to be used as a lubricant oil for passenger car motors. Up to one to five tonnes of the notified chemical will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

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

R38: Irritating to skin

Occupational Health and Safety

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

Public Health

There is Negligible Concern to public health when used in lubricant oil as described.

Environmental Effects

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

RECOMMENDATIONS

Regulatory Controls

Hazard Classification and Labelling

- The NOHSC Chemicals Standards Sub-committee should consider the following health hazard classification for the notified chemical:
 - R38 Irritating to skin
 - S 37 Wear suitable gloves
 - ≥ 20% R38 Irritating to skin
 - ≥ 1% S24 Avoid contact with skin
- Use the following risk phrases for products/mixtures containing the notified chemical:

- Products containing $\geq 20\%$ R38

Control Measures

Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to the notified chemical as introduced and during formulation:
 - Enclosed and automated transfer, mixing and packaging operations
 - Ventilation during manufacture of engine oil products
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical as introduced and during formulation:
 - Avoid splashing during transfer operations and when cleaning
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical as introduced and during formulation:
 - Chemical resistant gloves, protective overalls, and goggles/faceshield.

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

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

Disposal

- Wastes containing the notified chemical should be disposed of in a manner consistent with local jurisdiction waste management regulations by incineration.

Emergency procedures

- Spills/release of the notified chemical should be handled as specified in the MSDS (absorb spillages with inert material, transfer to labelled containers for disposal; avoid release to drains or ground water systems; clean spillage area with water and detergent).
- Spills/release of lubricants containing the notified chemical should not be released to waterways or sewer. Do not contaminate groundwater. Spills/leaks should be contained by applying absorbent materials, e.g. sand, soil, diatomaceous earth, to the spill, or pumping of spilled material, into labelled containers. Clean the spillage area

with water and detergent. Dispose of in a manner consistent with local jurisdiction waste management regulations by incineration.

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
– use other than car motor oil
or

Under Section 64(2) of the Act:
– if any of the circumstances listed in the subsection arise.

The Director will then decide whether secondary notification is required.

9 PUBLICATION SUMMARY REPORT

Appleide Summary Report Reference No: STD/1156

International Flavours and Fragrances Australia Pty. Ltd. (ABN: 77 004 269 658) of 301 Frankston-Dandenong Road, Dandenong South VIC 3175, has submitted a standard notification statement in support of their application for an assessment certificate for Appleide. The notified chemical is intended to be used as a fragrance ingredient for personal, cosmetic and domestic products. Up to 1 tonne of the notified chemical will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

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

Occupational Health and Safety

There is low concern to occupational health and safety under the conditions of the occupational settings described.

Public Health

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

Environmental Effects

On the basis of the PEC/PNEC ratio and its reported use pattern, the notified chemical is not considered to pose an unacceptable risk to the environment.

RECOMMENDATIONS

Control Measures

Occupational Health and Safety

- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical:
 - Coveralls
 - Gloves
 - Safety 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 chemical are classified as hazardous to health in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances*, workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Environment

- Avoid release of concentrated notified chemical to the aquatic environment.

Disposal

- The notified chemical should be disposed of by thermal decomposition in incinerators or to secure landfill.

Emergency procedures

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

Secondary Notification

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

Under Section 64(1) of the Act; if

- the importation volume is likely to exceed one tonne per annum of notified chemical
- the level of notified chemical in end-use products reaches or exceeds 1 % (w/w)
- any further information regarding genotoxic potential, including clinical observations such as tumours or heritable genetic defects becomes available

or

Under Section 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

10 PUBLICATION SUMMARY REPORT

**Donor S1
Summary Report
Reference No: LTD/1076**

Basell Australia Pty Ltd (ABN 42 004 327 762) of Level 13, 90 Collins St Melbourne VIC 3000 has submitted a limited notification statement in support of their application for an assessment certificate for Donor S1. The notified chemical is intended to be used as a catalyst in polypropylene and polyethylene manufacture. The notified chemical is imported into Victoria and used in manufacture of polypropylene and polyethylene which is subsequently moulded into various articles at other industrial sites. Up to one tonne of the notified chemical will be imported per annum for each of the first five years.

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

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

Occupational Health and Safety

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

Public Health

There is Negligible Concern to public health when used as described.

Environmental Effects

The PEC/PNEC ratio is 0.03, and therefore use of the notified chemical in accordance with its reported use pattern is not considered to pose a significant 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 as introduced:
 - Avoidance of 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 NOHSC *Approved Criteria for Classifying Hazardous Substances*, workplace practices and control procedures consistent with

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

Environment

- Use of the chemical must remain within the parameters specified by this notification.

Disposal

- The notified chemical should be disposed of by incineration.

Emergency procedures

- Spills/release of the notified chemical should be handled by adsorption on to an inert material, and then disposed of via a licensed waste disposal operator to a suitable landfill. Do NOT allow any amount of product to reach ground water, water bodies or sewage systems.

Secondary Notification

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

Under Section 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

No additional secondary notification conditions are stipulated.

11 PUBLICATION SUMMARY REPORT

Macromelt 6797 Summary Report Reference No: LTD/1115

Henkel Adhesives Australia Pty Ltd (ABN 82 001 302 996) of 55 Korong Rd West Heidelberg VIC 3081 has submitted a limited notification statement in support of their application for an assessment certificate for Macromelt 6797. The notified polymer is to be used as hotmelt adhesive in industrial tape manufacture at a concentration of <15%. Less than 30 tonnes of the notified polymer will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

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

Occupational Health and Safety

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

Public Health

There is Negligible Concern to public health when used as component of adhesive tape products.

Environmental Effects

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

RECOMMENDATIONS

Control Measures

Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to the notified polymer:
 - Exhaust ventilation during adhesive solution formulation
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified polymer:
 - During transfer operations and cleaning of equipment, avoid spills and splashing
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer:
 - Chemical resistant gloves

- Protective clothing which protects the body, arms and legs
- Goggles or face shield
- Appropriately selected respirator during spray paint application

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

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

Environment

Emergency procedures

- Spills/release of the notified chemical (granules) should be handled by sweeping up and reusing in the manufacturing process or placed into a container for disposal. Avoid contaminating waterways.

Disposal

- The notified chemical (granules and dried/cured polymer mix) should be disposed of to landfill by licensed waste contractor in accordance with local jurisdiction waste management regulations.

Secondary Notification

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

Under 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.

For secondary notification, aquatic toxicity data may be required if a use pattern is proposed resulting in a more significant contamination of the aquatic environment.

12 PUBLICATION SUMMARY REPORT

**Polymer in Belclene 499
Summary Report
Reference No: LTD/1177**

Bio-lab Australia Pty Ltd (ABN: 77 586 695 893) of 61-63 Canterbury Road, Montrose VIC 3765, and Swift and Company Ltd (ABN: 44 000 005 578), of 372 Wellington Road, Mulgrave VIC 3170, have submitted a joint limited notification statement in support of their application for an assessment certificate for Polymer in Belclene 499. The notified polymer is intended to be used as a component of scale and corrosion inhibitors in evaporation cooling systems. Up to 30 tonnes of the notified polymer will be imported per annum for each of the first five years.

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

The notifier has indicated that the notified chemical is classified as hazardous. The classification and labelling details are:

R36 – Irritating to eyes.

Occupational Health and Safety

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

Public Health

There is No Significant Concern to public health when used as a scale and corrosion inhibitor in open industrial and commercial evaporation cooling systems.

Environmental Effects

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

RECOMMENDATIONS*Regulatory Controls***Hazard Classification and Labelling**

- The MSDS and label of products/mixtures containing the notified polymer should contain the following risk phrase:
 - [$>20\%$]: R36 – Irritating to eyes

Control Measures

Occupational Health and Safety

- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer in the product Belclene 499:
 - Eye protection
 - Respiratory protection when there is a chance of mist formation
 - Gloves
 - Industrial clothing and footwear

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

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

Environment

Disposal

- Small amounts of the notified polymer adsorbed onto sand or earth should be disposed of as solid waste in accordance with the local regulations/advice of waste disposal authorities using a licensed waste contractor.
- Empty containers should be double rinsed into the process stream before disposal of to landfill.
- Liquid material should be incinerated. However, strong acid receptors are needed to trap acidic phosphorous combustion products.
- Prevent the spilled material from entering drains and waterways.

Emergency procedures

- Spills/release of the notified polymer should be handled by absorbing the spilled material in vermiculite, dry sand or earth and placing in properly labelled (contents and hazard symbol) containers that should be sealed.
- When a drum is leaking, seal the leak if possible and place the drum in a properly labelled overbin.

Secondary Notifications

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

Under Section 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

No additional secondary notification conditions are stipulated.

13 PUBLICATION SUMMARY REPORT

**Polymer in E7844
Summary Report
Reference No: LTD/1189**

Afton Chemical Asia Pacific LLC (ABN 99 109 644 288) of Level 9, 20 Berry Street, North Sydney NSW 2059 has submitted a limited notification statement in support of their application for an assessment certificate for Polymer in E7844. The notified polymer is intended to be used as an additive in automotive fuels. Up to 300 tonnes of the notified polymer will be imported per annum for each of the first five years.

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

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

R38: Irritating to skin

Occupational Health and Safety

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

Public Health

There is No Significant Concern to public health when used as a fuel additive.

Environmental Effects

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

RECOMMENDATIONS

Regulatory Controls

Hazard Classification and Labelling

- The NOHSC Chemicals Standards Sub-committee should consider the following health hazard classification for the notified chemical:
 - R38 Irritating to skin
- Use the following risk phrases for products/mixtures containing the notified chemical:
 - $\geq 20\%$: R38 Irritating to skin

Control Measures

Occupational Health and Safety

- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer as introduced in the product E7844:
 - Chemical-resistant gloves, chemical goggle or face shields, and long sleeves.

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

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

Disposal

- The notified polymer should be disposed of by incineration.

Emergency procedures

Spills/release of the notified polymer should be soaked up with inert material and placed in labelled containers for recycling or disposal by incineration

Secondary Notification

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

Under Section 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

No additional secondary notification conditions are stipulated.

14 PUBLICATION SUMMARY REPORT

2(3H)-Furanone, dihydro-3-hydroxy-4,4-dimethyl- Summary Report Reference No: LTD/1197

Henkel Australia Pty. Limited (ABN 82 001 302 996) of 20 Rodborough Rd, Frenchs Forest NSW 2086 has submitted a limited notification statement in support of their application for an assessment certificate for 2(3H)-Furanone, dihydro-3-hydroxy-4,4-dimethyl-. The notified chemical is intended to be used as an ingredient of hair care products. The chemical will be imported and formulated into several types of hair care products, which will be packaged and distributed to salons and retail outlets. The notified chemical will also be imported as a component of ready to use hair care products. Less than one tonne of the notified chemical will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

As only limited data are available on the notified chemical, it cannot be classified for health effects under the NOHSC *Approved Criteria for Classifying Hazardous Substances*.

Occupational Health and Safety

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

Public Health

There is No Significant Concern to public health when used as a component of hair care products at < 1%.

Environmental Effects

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

RECOMMENDATIONS

Control Measures

Occupational Health and Safety

- 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 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 formulators of hair care products to minimise public exposure to any breakdown products of the notified chemical:
 - Stability testing of proposed formulations; and
 - Monitoring of pH of formulations to ensure stability of the notified chemical.

Environment

Disposal

- The notified chemical should be disposed of by thermal decomposition in high temperature incinerators or to secure landfill.

Emergency procedures

- Spills/release of the notified chemical should be handled by physical containment, collection and subsequent disposal by thermal decomposition in a high temperature incinerator or to secure landfill.

Secondary Notification

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

Under Section 64(1) of the Act; if

- the importation volume exceeds one tonne per annum notified chemical; or
- the notified chemical is used in personal care products at > 1%.

or

Under Section 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

15 PUBLICATION SUMMARY REPORT

**Tinosorb S
Summary Report
Reference No: LTD/1203**

Ciba Specialty Chemicals Pty Ltd (ABN: 97 005 061 469) of 235 Settlement Road, Thomastown VIC 3074 has submitted a limited notification statement in support of their application for an assessment certificate for Tinosorb S. The notified chemical is intended to be used as a broad-spectrum ultra-violet light absorber additive in sunscreens and moisturisers. Up to one tonne of the notified chemical will be imported per annum for each of the first five years.

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

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

Occupational Health and Safety

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

Public Health

There is Negligible Concern to public health when used as a component of sunscreen and moisturisers.

Environmental Effects

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

RECOMMENDATIONS*Control Measures*

Occupational Health and Safety

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

Environment

- Use of the chemical must remain within the parameters specified by this notification.
- Disposal

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

Emergency procedures

- Spills/release of the notified chemical should be handled by adsorption on to an inert material, and then disposed of via a licensed waste disposal operator to a suitable landfill.

Secondary Notification

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

Under Section 64(1) of the Act; if

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

or

Under Section 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

16 PUBLICATION SUMMARY REPORT

**Polymer in FLO Xle and FLO MXP Pipeline Booster
Summary Report
Reference No: PLC/531**

Baker Petrolite, a Division of Baker Hughes Australia Pty Ltd (ABN 20 004 752007) of 5 Walker Street Braeside Victoria 3195 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in FLO Xle and FLO MXP Pipeline Booster. The notified polymer is intended to be used as a component to improve hydrocarbon fluid flow through pipelines by reducing the frictional pressure loss. Fifty tonnes of the notified polymer will be imported per annum for each of the first five years.

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

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

Occupational Health and Safety

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

Public Health

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

Environmental Effects

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

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

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

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

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

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

Environment

- The following control measures should be implemented by the importer and user to minimise environmental exposure during (manufacture, formulation, use) of the notified polymer:
 - All areas in which the formulation is used or stored must be bunded with no access to storm drains. If drains are present then these must be diverted to on-site collection pits or treatment plants.

Disposal

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

Emergency procedures

- **Land spill**

If the notified polymer is spilled outside the workplace, the liquid should be prevented from entering sewers, watercourses or low areas. The liquid should be contained with sand or earth and recovered by pumping or by absorption into sand or earth before being disposed in an approved manner

- **Water spill**

The spill should be removed from the surface of the water by skimming or with suitable absorbent. If appropriate, sinking and/or dispersants may be used in non-confined waters.

Secondary Notification

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

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

17 PUBLICATION SUMMARY REPORT

**Polymer in ADVANCELL AEM001
Summary Report
Reference No: PLC/544**

Konica Minolta Business Solutions Australia Pty. Ltd. (ABN: 50001065096), of 22 Giffnock Avenue 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 in ADVANCELL AEM001. The notified polymer is intended to be used as a component of photocopying toner. Up to 200 kilograms of the notified polymer will be imported per annum for each of the first five years.

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

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

Occupational Health and Safety

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

Public Health

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

Environmental Effects

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

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

- No specific engineering controls 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 safe work practices to minimise occupational exposure to the notified chemical during changing of the toner bottles or cartridges:
 - Measures to reduce inhalation exposure to the dust.
 - Measures to 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 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.

Emergency procedures

- Spills/release of the notified polymer should be handled by physical containment, collection and disposal to secure landfill.

Secondary Notification

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

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

18 PUBLICATION SUMMARY REPORT

**Viscoplex 12/6322
Summary Report
Reference No: PLC/545**

Degussa Australia Pty Ltd (ABN 80 005 415 752) of 30 Commercial Drive Dandenong VIC 3175 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Viscoplex 12/6322. The notified polymer is intended to be used as an ingredient in the manufacture of driveline oils. Less than one tonne of the notified polymer will be imported per annum for each of the first five years.

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

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

Occupational Health and Safety

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

Public Health

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

Environmental Effects

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

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

- In the interest of occupational health and safety, the following guidelines and precautions should be observed for use of the notified polymer as introduced:
 - Avoid drips and spills;
 - Use gloves, safety glasses and overalls
 - Guidance in selection of personal protective equipment can be obtained from Australian, Australian/New Zealand or other approved standards.
- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the NOHSC *Approved Criteria for Classifying Hazardous*

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

Environment

Disposal

- The notified polymer should be disposed of in accordance with all Local, State and Federal regulations at an approved waste disposal facility. This will include burning wastes and products containing the polymer in an enclosed, controlled burner for fuel value or disposed of by supervised incineration.
- Contaminated packaging should be emptied optimally and may be reused after appropriate professional cleaning. Packaging that cannot be cleaned should be disposed of professionally.

Emergency procedures

- Spills on non-solid ground (e.g. soil etc) should be removed mechanically. Spills on solid surfaces (e.g. concrete) should be absorbed with dry sand, possibly by heating. Dispose of contaminated material in accordance with regulations.
- The spilled material should be prevented from contaminating soil/subsoil and entering drains, surface water, ground water or wastewater.

Secondary Notification

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

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

19 PUBLICATION SUMMARY REPORT

Polymer in Polyurethane Dispersion 65422 Summary Report Reference No: PLC/547

Dow Chemical (Australia) Ltd (ABN 72 000 264 979) of 541-583 Kororoit Creek Road Altona VIC 3018 has submitted a polymer of low concern (PLC) notification statement in support of their application for a self-assessed assessment certificate for Polymer in Polyurethane Dispersion 65422. The notified polymer is intended to be used as a component of formulated surface coatings and adhesives. Less than 60 tonnes of the notified polymer will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

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

Occupational Health and Safety

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

Public Health

There is Negligible Concern to public health when used to produce the components /materials described.

Environmental Effects

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

RECOMMENDATIONS

Control Measures

Occupational Health and Safety

- The following personal protective equipment is recommended in accordance with good occupational health and safety practice
 - Chemical goggles, clean, body-covering clothing, and chemical gloves resistant to this material
 - In misty atmospheres, use an approved particulate respirator (not anticipated to be necessary for the carpet backing application).

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

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

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

Environment

- No bioconcentration of the polymer is expected because of its high molecular weight and the polymer is not expected to biodegrade.

Disposal

- It is recommended that any waste amounts of dispersion product containing the polymer substance are sent to a licensed, permitted, recycler, reclaimer, incinerator, or other thermal destruction device.

Storage

- The following precautions should be taken by distributors and product end-users regarding storage of the notified polymer / dispersion product:
 - Store between 40-110°F (4-43°C). Avoid Freezing.

Emergency procedures

- Spills/release of the notified polymer / dispersion should be handled by
 - Isolate area. Keep unnecessary and unprotected personnel from entering area. Spilled material may cause a slipping hazard. Use appropriate safety equipment.
 - Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.
 - Contain spilled material if possible. Absorb with material such as clay or sand. Wash the spill site with large quantities of water.

Secondary Notification

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

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

No additional secondary notification conditions are stipulated.

20 PUBLICATION SUMMARY REPORT

**Polymer in F-25
Summary Report
Reference No: PLC/562**

JohnsonDiversey Australia Pty Ltd (ABN 90000 065 725) of 29 Chifley Street, Smithfield NSW 2164 has submitted a polymer of low concern (PLC) notification statement in support of their application for a self-assessed assessment certificate for Polymer in F-25. The notified polymer is intended to be used as a component of primer coating formulations. The notified polymer will be imported in solution, and incorporated into coating formulations. The coatings will be applied to door-skins as a base primer, by spray application. Up to 40 tonnes of the notified polymer will be imported per annum for each of the first five years.

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

The notified polymer meets the PLC criteria and can therefore be considered to be of low hazard. The toxicology results support this classification.

Occupational Health and Safety

There is low concern to occupational health and safety under the conditions described in this document.

Public Health

There is negligible concern to public health when used in the proposed manner.

Environmental Effects

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

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

- No specific engineering controls 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 in formulated paint products:

- Use of spray paints containing the notified polymer should be in accordance with the NOHSC National Guidance Material for Spray Painting.
- Service personnel should wear disposable gloves and ensure adequate ventilation is present when removing coating containing the notified polymer and during routine maintenance and repairs.
- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances*, workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Environment

- The following control measures should be implemented by the coater to minimise environmental exposure during use of the notified polymer:
 - Exhaust ventilation

Disposal

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

Emergency procedures

- Spills/release of the notified polymer should be handled by absorption with sand and putting into a suitable container for disposal. Contaminated containers can be re-used after cleaning.

Secondary Notification

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

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

21 PUBLICATION SUMMARY REPORT

Siloxanes and Silicones, di-Me, 3- hydroxypropyl Me, ethers with polyethylene glycol monoecosanoate Summary Report Reference No: PLC/567

Capitol Ingredients Australia Pty Ltd (ABN 30 055 147 567) of Unit 9, 7 Meridian Place, Norwest Business Park, BellaVista NSW 2153 and Alberto Culver (Australia) Pty Ltd (ABN 54 000 180 146) of 14 Loyalty Road, North Rocks, NSW 2151, have submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Siloxanes and Silicones, di-Me, 3- hydroxypropyl Me, ethers with polyethylene glycol monoecosanoate. The notified polymer is intended to be used as an ingredient of conditioning and moisturising agent in cosmetics (lipsticks, shampoos, conditioners, creams and lotions, and hair products). One tonne of the notified polymer will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

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

Occupational Health and Safety

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

Public Health

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

Environmental Effects

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

RECOMMENDATIONS

Control Measures

Occupational Health and Safety

- No specific engineering controls or work practices 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.
- Employers should ensure that the following personal protective equipment is used by plant operators and quality assurance staff to minimise occupational exposure to the polymer:
 - Coveralls/laboratory coats;

- Protective gloves;
- Safety goggles/glasses; and
- Safety boots.

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

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

Environment

- The following control measure should be implemented by the notifier to minimise environmental exposure during formulation of the notified polymer:
 - Bunding

Disposal

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

Storage

- The notified chemical should be stored in sealed containers under normal cool, dry warehouse conditions.
- The product should be in cool dry storage, protected from freezing and kept out of the reach of children.

Emergency procedures

- Spills/release of the notified polymer should be handled by absorbing with sand and put into suitable containers for disposal. Contaminated containers can be re-used after cleaning.

Secondary Notification

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

Under subsection 64(1) of the Act; if

- the notified polymer is introduced in a chemical form that does not meet the PLC criteria.
- concentration of the notified polymer in personal care products exceeds 5%.

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

22 PUBLICATION SUMMARY REPORT

Polymer in RC-49917 Summary Report Reference No: PLC/574

DuPont (Australia) Ltd (ABN: 59 000 716 469) of 168 Walker Street North Sydney NSW 2060 has submitted a polymer of low concern (PLC) notification statement in support of their application for a self-assessed assessment certificate for Polymer in RC-49917. The notified polymer is intended to be used as a component of automotive spray paints. Less than 30 tonnes of the notified polymer will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

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

Occupational Health and Safety

There is Low Concern to occupational health and safety under the conditions of the occupational settings described due to the high level of personal protective equipment used to protect against the isocyanate and solvents that both provide a greater risk than this polymer.

Public Health

The notified polymer is intended for use by professional spray painters in auto repair workshops only and will not be sold to the public. Following application, the polymer is trapped as an integral part of the paint film and will not be bioavailable. The risk to the public from contact with the polymer is considered low.

Environmental Effects

The polymer is not considered to pose a risk to the environment based on its reported use pattern and significant level of controls to inhibit escape to the environment.

RECOMMENDATIONS

Control Measures

Occupational Health and Safety

- No specific engineering controls or work practices are required for the safe use of the notified 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.

- Personal protective equipment required during formulation are
 - Eye protection (safety glasses or goggles)

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

Environment

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

Disposal

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

Emergency procedures

- Spills/release of the notified polymer should be handled by absorbing with sand and put into suitable container for disposal. Contaminated containers can be re-used after cleaning.

Secondary Notification

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

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

23 PUBLICATION SUMMARY REPORT

**Polymer in Cydrothane HP-5000/6000 Series
Summary Report
Reference No: PLC/583**

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 a self-assessed assessment certificate for Polymer in Cydrothane® HP-5000/6000 series. The notified polymer is intended to be used as an ingredient in surface coatings. Up to 1-2 tonnes of the notified polymer will be imported per annum for each of the first five years.

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

The notified polymer meets the PLC criteria and can therefore be considered to be of low hazard. This is supported by the low acute oral toxicity, non-irritation to skin, minimal irritation to the eye and non-sensitising potential in the guinea pig using the Magnusson and Kligman Maximization Method.

In chemical conditions where there is free N, N-diethylethanamine, classification as R36/37/38 may be appropriate.

Occupational Health and Safety

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

Public Health

There is Negligible Concern to public health when used in the wood coating and automotive industry.

Environmental Effects

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

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

- Employers should implement the following isolation and engineering controls to minimise occupational exposure to the notified polymer:
 - Closed tanks and lines for formulation and filling of paint containing the notified polymer;
 - Use of engineering controls in spray painting to minimise exposure of workers.

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified polymer;
 - Avoid splashing, spills and generation of aerosols during formulation and filling processes;
 - Spray application of paint containing the notified polymer should be in accordance with the NOHSC *National Guidance Material for Spray Painting*
 - Workers using spray products containing the notified polymer should be instructed in their proper handling and use, including information about the additional risks posed by spray application.
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer:
 - Protective gloves
 - Safety glasses or goggles
 - Industrial clothing
 - Respiratory protection during spray painting, or if aerosols are formed
 - Full body protection during spray painting

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

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

Environment

- The following control measures should be implemented by paint manufacturers and warehouse sites to minimise environmental exposure during paint formulation and storage of the notified polymer:
 - All process equipment and storage areas should be bunded.

Disposal

- The notified polymer should be disposed of to landfill for solids and to licensed waste contractors for liquids.

Emergency procedures

- Spills/release of the notified polymer should be contained by soaking up with inert absorbent material and dispose of as special waste in compliance with local and State regulations as recommended in the MSDS.
- Use detergent in cleaning up.
- Prevent product from entering drains.

Secondary Notification

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

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

24 PUBLICATION SUMMARY REPORT

**RCP-47100
Summary Report
Reference No: PLC/586**

DuPont (Australia) Ltd (ABN: 59 000 716 469) of 168 Walker Street North Sydney NSW 2060, has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for RCP-47100. The notified polymer is intended to be used as a component of automotive paint. Less than 10 tonnes of the notified polymer will be imported per annum for each of the first five years.

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

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

Occupational Health and Safety

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

Public Health

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

Environmental Effects

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

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

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

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

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

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

Environment

- The following control measures should be implemented by end users to minimise environmental exposure during use of the notified polymer:
 - Exhaust ventilation of all spray booth facilities
 - Do not empty paint waste down the sewer
 - Ensure the maximum amount of paint is emptied from each paint can/container before disposal

Disposal

- Spill clean-up with inert absorbent material.
- Empty paint cans/containers should be sent to local steel recycling or waste disposal facilities.
- The notified polymer should be incinerated or disposed of to landfill. Use only approved waste management contractors.
- Empty spill containment containers should be sent to local recycling or waste disposal facilities.

Emergency procedures

- Spills/release of the notified polymer should be absorbed with sand, vermiculite or paper and put into suitable container for disposal. Large volumes of spilt paint require dyking.
- Do not allow spills to enter watercourses or drains.
- Organize emergency training on an annual basis.

Secondary Notification

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

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

25 PUBLICATION SUMMARY REPORT

**Polyurethane Polymer in WR-18-9264
Summary Report
Reference No: SAPLC/2**

PPG Industries Australia Pty Ltd (ABN 82 055 500 939) of McNaughton Road, Clayton, Victoria, 3168 has submitted a polymer of low concern (PLC) notification statement in support of their application for a self-assessed assessment certificate for Polyurethane Polymer in WR-18-9264. The notified polymer is intended to be used as a component of an automotive spraypaint. Paint formulation and application will occur in Australia. Up to 12 tonnes of the notified polymer will be imported per annum for each of the first five years.

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

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

Occupational Health and Safety

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

Public Health

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

Environmental Effects

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

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

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

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

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

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

Environment

- The following control measures should be implemented by the paint formulator to minimise environmental exposure during (manufacture, formulation, use) of the notified polymer:
 - All process equipment and storage areas should be banded with process drains going to an on-site effluent treatment plant or collection tank.

Disposal

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

Emergency procedures

- Spills/release of the notified polymer should be handled by containment and collection by absorbent material in sealable labelled container ready for disposal to landfill.

Secondary Notification

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

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

26 PUBLICATION SUMMARY REPORT

**W-663
Summary Report
Reference No: EX/75**

Holder of Original Assessment Certificate (First Applicant)

An Assessment Certificate for the notified polymer known by the name W-663 was granted to Brother International (Aust.) Pty Ltd (ACN 17 001 393 835) of 7 Khartoum Road North Ryde NSW 2113.

The Assessment Report for W-663 is identified by the sequence number STD/1112.

Second Applicant

Since granting of the abovementioned Assessment Certificate, Fuji Xerox Co Ltd (ABN 20 090 990 417) of 10/14A Rodborough Road, Frenchs Forest NSW 2086 has submitted a notification statement in support of their application for an extension of the Assessment Certificate for W-663. Brother International (Aust.) Pty Ltd has agreed to this extension.

Information submitted by Fuji Xerox Co Ltd pertains to the introduction of the notified polymer as a distributor in Australia. No increase in volume was forecast.

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

Based on the available data, the notified chemical is not classified as a hazardous substance in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances*.

Occupational Health and Safety

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

Public Health

There is Negligible Concern to public health when used as described.

Environmental Effects

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

RECOMMENDATIONS

Control Measures

Occupational Health and Safety

- No special precautions are required for the notified chemical when used at low quantities in a toner in cartridges in electrophotocopying machines or electrophotographic printers.
- However, in the interests of good occupational health and safety, the following guidelines and precautions should be observed for use of toners containing the notified chemical:
 - Avoid contact with skin and eyes.
 - Avoid breathing dust
- Avoid generation of dust. Photocopiers and printers should be located in well ventilated areas. The NOHSC Exposure Standard of 10 mg/m³ TWA for nuisance dust should be maintained in the workplace.
- Service personnel should wear cotton or disposable gloves when replenishing toner and servicing copying machines and printers.

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

- A copy of the MSDS should be easily accessible to employees.

Environment

Disposal

- Empty toner cartridges containing the notified chemical should be disposed of to landfill.
- Do not dispose the notified chemical into sewers or water bodies.

Emergency procedures

- Spills/release of the notified chemical should be handled by sweeping up and discarding in to a waste container.

Secondary Notification

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

Under Section 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

No additional secondary notification conditions are stipulated.

27 ACCESS TO FULL PUBLIC REPORT

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

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

28 LOW VOLUME CATEGORY PERMITS

The permits listed in Table 1 were issued to import or manufacture the following chemicals under section 21U of the *Industrial Chemicals (Notification and Assessment) Act 1989*. Low Volume Category Permits are approved for 36 months.

Table 1
Low Volume Category Permits

PERMIT NUMBER	COMPANY NAME	COMPANY POSTCODE	CHEMICAL OR TRADE NAME	HAZARDOUS SUBSTANCE	USE	DATE
693	Epson Australia Pty Ltd	2113	NEJI-4	ND	Printing	25/07/05
694	International Flavours & Fragrances Australia Pty Ltd	3175	4H-Indeno[4,5-d]-1,3-dioxole, 3a,5,6,7,8,8b-hexahydro-2,2,6,6,7,8,8-heptamethyl-	ND	Cosmetics	25/07/05
696	Ciba Specialty Chemicals Pty Ltd	3074	Lodyne 2000	ND	Paper processing	22/08/05
695	Transitions Optical Pty Ltd	5160	Photosol 7-232 Photochromic Dye	ND	Tinting component in optical lenses	31/08/05

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

29 EARLY INTRODUCTION PERMITS FOR NON-HAZARDOUS INDUSTRIAL CHEMICALS

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

Table 2

Early Introduction Permits

PERMIT NUMBER	COMPANY NAME	CHEMICAL OR TRADE NAME	USE
381	Akzo Nobel Chemicals Pty Ltd	Polymer in RP3701	Surface coating
382	BASF Akzo Nobel Automotive OEM Coatings Pty Ltd		
383	Akzo Nobel Chemicals Pty Ltd	Polymer in RC3711	Surface coating
384	BASF Akzo Nobel Automotive OEM Coatings Pty Ltd		
385	Swift & Company Ltd	Polymer in Hybridur 570	Surface coating
386	Akzo Nobel Chemicals Pty Ltd	Polymer in RC3699	Surface coating
387	BASF Akzo Nobel Automotive OEM Coatings Pty Ltd		
388	International Sales & Marketing Pty Ltd	Polymer in Tegostab B8469	Construction

389	The Valspar (Australia) Corporation Pty Ltd	Polymer in AK0704P	Surface coating
390	Nuplex Industries (Aust) Pty Ltd	Polymer in Setalux 37- 6766	Surface coating

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

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

Table 3

Chemicals Eligible for Listing on the Australian Inventory of Chemical Substances

CHEMICAL NAME	CAS NUMBER	MOLECULAR FORMULA
Naphthenic acids, reaction products with acrylic acid and copper diacetate, polymers with cyclohexyl methacrylate, Et acrylate and polyethylene glycol methacrylate Me ether, tert-Bu 2-ethylhexaneperoxoate-initiated	856683-33-5	Unspecified
Poly[oxy(methyl-1,2-ethanediyl)], alpha,alpha',alpha"-1,2,3-propanetriyltris[omega-hydroxy-, polymer with 1,3-diisocyanatomethylbenzene, alpha-hydro-omega-hydroxypoly[oxy(methyl-1,2-ethanediyl)] and 1,1'-methylenebis[4-isocyanatobenzene]	68833-81-8	$(C_{15}H_{10}N_2O_2.C_9H_6N_2O_2.(C_3H_6O)_n(C_3H_6O)_n C_3H_8O_3.(C_3H_6O)_n H_2O)_x$
Oxirane, methyl-, polymer with oxirane, ether with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol (3:1), polymer with 1,3-diisocyanatomethylbenzene, alpha-hydro-omega-hydroxypoly[oxy(methyl-1,2-ethanediyl)] and 1,1'-methylenebis[4-isocyanatobenzene]	68833-84-1	$(C_{15}H_{10}N_2O_2.C_9H_6N_2O_2.C_6H_{14}O_3.3(C_3H_6O.C_2H_4O)_x.(C_3H_6O)_n H_2O)_x$
1-Propanamine, 3-(triethoxysilyl)-, polymer with 1,3-diisocyanatomethylbenzene	166586-13-6	$(C_9H_{23}NO_3Si.C_9H_6N_2O_2)_x$
Propane, 1,1,1,2,2,3,3-heptafluoro-3-[(trifluoroethenyl)oxy]-, polymer with tetrafluoroethene and trifluoro(trifluoromethoxy)ethene	165178-32-5	$(C_5F_{10}O.C_3F_6O.C_2F_4)_x$
Hexanedioic acid, polymer with 1,4-butanediol, 1,1'-methylenebis[4-isocyanatobenzene] and 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxy)]bis[ethanol]	66756-88-5	$(C_{19}H_{24}O_4.C_{15}H_{10}N_2O_2.C_6H_{10}O_4.C_4H_{10}O_2)_x$
2-Propenoic acid, 2-methyl-, polymer with alpha-(2-methyl-1-oxo-2-propenyl)-omega-methoxypoly(oxy-1,2-ethanediyl), sodium salt, peroxydisulfuric acid $[(HO)S(O)_2]_2O_2$ diammonium salt-initiated	173659-56-8	Unspecified

N-Ethyl-N-(3-methylphenyl)propionamide	179911-08-1	C ₁₂ H ₁₇ NO
Alpha-D-Galactopyranuronic acid, O-6-deoxy-.beta.-L-galactopyranosyl-(1→3)-O-alpha-D-galactopyranosyl-(1→3)-, homopolymer	194237-89-3	(C ₁₈ H ₃₀ O ₁₆) _x
2-Propenoic acid, 2-methyl-, 2-hydroxyethyl ester, polymer with dodecyl 2-propenoate	63149-67-7	(C ₁₅ H ₂₈ O ₂ .C ₆ H ₁₀ O ₃) _x
2-Propenoic acid, 2-methyl-, polymer with butyl 2-methyl-2-propenoate, ethenylbenzene and 2-methylpropyl 2-methyl-2-propenoate	137111-79-6	(C ₈ H ₁₄ O ₂ .C ₈ H ₁₄ O ₂ .C ₈ H ₈ .C ₄ H ₆ O ₂) _x
Siloxanes and Silicones, di-Me, Me hydrogen, reaction products with 1,5-hexadiene	213629-14-2	Unspecified

31 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	CAS NUMBER	MOLECULAR FORMULA
1,1,1,2,2,4,5,5,5-nonafluoro-4-(trifluoromethyl)-3-pentanone	756-13-8	C ₆ F ₁₂ O
Butanedioic acid, methylene-, polymer with butyl 2-propenoate, 2-hydroxyethyl 2-methyl-2-propenoate, methyl 2-methyl-2-propenoate and 2-methyl-2-propenoic acid	147836-48-4	(C ₇ H ₁₂ O ₂ .C ₆ H ₁₀ O ₃ .C ₅ H ₈ O ₂ .C ₅ H ₆ O ₄ .C ₄ H ₆ O ₂) _x