



Australian Government

Gazette

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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	NOTICE OF PROPOSED VARIATIONS TO THE AICS FOR CERTAIN LEAD COMPOUNDS IN INDUSTRIAL SURFACE COATINGS AND INKS	6
2	DECISIONS REGARDING REQUESTS TO VARY REPORT FOR LEAD COMPOUNDS IN INDUSTRIAL SURFACE COATINGS AND INKS	8
3	CHANGES TO NICNAS BANK ACCOUNT DETAILS	9

NEW CHEMICALS

SUMMARY REPORTS

4	EX/94 (STD/1196)	COMPONENT 4 (XC6170)	10
5	LTD/1285	PERFLUOROAMPHIPHILE IN DYNAX DX 5011	13
6	LTD/1301	UCECOAT 7849	16
7	LTD/1303	FJC-001B	18
8	LTD/1308	PYRIDINE, 4-ETHENYL-, REACTION PRODUCTS WITH 3A, 4, 7, 7A - TETRAHYDRODIMETHYL - 4, 7 - METHANO - 1 H - INDENE	21
9	LTD/1312	FSM-002M IN PICTUREMATE PHOTO CARTRIDGE T5852	25
10	LTD/1319	SYNTHACRYL 700	28
11	STD/1177	FLOMIN F810	30
12	STD/1219	AMIDE #71 IN DISPARLON 6650	33
13	STD/1222	NXT SILANE / CHEMICAL IN CARBO NXT SILANE	37

14	STD/1237	IRGAFOS 38	40
15	PLC/678	LEXAN XHT8141	43
16	PLC/687	CIN10093460 IN KODAK INKS	45
17	PLC/688	CIN10072323 IN KODAK INKS	47
18	PLC/689	CIN10066587 IN KODAK INKS	49
19	PLC/696	POLYMER IN SUPERFLOC HX-800 FLOCCULANT	51
20	PLC/697	CRYLCOAT 9246-0 AND CRYLCOAT S 04040	53
21	PLC/698	POLYMER IN GELVA GME AX 3312-22 ADHESIVES	55
22	PLC/699	POLYMER IN VIAPAL VUP 4693 E/68	57
23	PLC/700	POLYMER IN VIACRYL VSC 6295W/45A	59
24	SAPLC/64	POLYMER IN MORESTER 49X174	61
25	SN/17	ARACHIDYL GLUCOSIDE	63
26	ACCESS TO FULL PUBLIC REPORT		65
PERMITS ISSUED			
27	LOW VOLUME CHEMICAL PERMITS		66
28	COMMERCIAL EVALUATION CATEGORY PERMITS		67
29	EARLY INTRODUCTION PERMITS		68
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		69

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

1 NOTICE OF PROPOSED VARIATIONS TO THE AICS FOR CERTAIN LEAD COMPOUNDS IN INDUSTRIAL SURFACE COATINGS AND INKS

In accordance with section 13A(1) of the *Industrial Chemicals (Notification and Assessment) Act* 1989, notice is hereby given that the Director proposes to vary the particulars recorded in the AICS for certain lead compounds following the findings of the priority existing chemical assessment on lead compounds in industrial surface coatings and inks. Pursuant to section 13 of the *Industrial Chemicals (Notification and Assessment) Act* 1989 the manufacture and importation of certain lead compounds for use in industrial surface coatings and inks and importation of industrial surface coatings and inks containing these compounds will be restricted. The relevant chemicals are listed in Table 1.

Table 1

Chemical Name	CAS Number
Lead monoxide	1317-36-8
Lead chromate	7758-97-6
Lead sulfate	7446-14-2
Lead molybdate	10190-55-3
Lead sulfo-chromate	1344-37-2
Lead chromate molybdate sulfate red	12656-85-8
Lead chromate oxide	18454-12-1
Lead octanoate	7319-86-0
Lead 2-ethylhexanoate	301-08-6
Lead oxide	1314-41-6
Lead nitrate	10099-74-8
Lead naphthenate	61790-14-5
Lead peroxide	1309-60-0
Lead carbonate (white lead)	1319-46-6

The AICS will be varied in two stages. Particulars of the proposed variations are:

Stage 1

1. From 1 April 2008, [chemical name and CAS number] must not be imported or manufactured for use in any industrial surface coating or as a component of industrial surface coatings at concentrations greater than 0.1%, **EXCEPT** for use in industrial surface coatings or in any components of industrial surface coatings for the following industrial applications:

- a. Auto refinish car collision repairs;
- b. Commercial vehicle and component building;
- c. Commercial vehicle refurbishing and repairs;
- d. Aviation building (heavy, general and light); and
- e. Aviation refurbishing and repairs.

2. *From 1 April 2008, [insert chemical name and CAS number] must not be imported or manufactured for use in any ink or as a component of inks at concentrations greater than 0.1%, when intended for industrial uses.*

Stage 2

From 1 January 2009, [chemical name and CAS number] must not be imported or manufactured for use in any industrial surface coating or as a component of industrial surface coatings at concentrations greater than 0.1%.

The individual AICS entries for each chemical listed in Table 1 will be amended by inclusion of the above particulars.

Under S 15A of the Act it is an offence to import or manufacture [insert chemical name and CAS number] for any of the specified purposes.

Persons breaching S 15A are liable to a penalty of 120 penalty units.

In accordance with section 13A(2)(d) of the *Industrial Chemicals (Notification and Assessment) Act* 1989, any person may give a statement to the Director by **3 JULY 2007**, giving reasons why the particulars should not be included in the AICS.

The statement may be forwarded to: The Director, NICNAS, PO Box 58, Sydney NSW 2001.

2 DECISIONS REGARDING REQUESTS TO VARY REPORT FOR LEAD COMPOUNDS IN INDUSTRIAL SURFACE COATINGS AND INKS

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 report on lead compounds in industrial surface coatings and inks.

A copy of the decisions can be obtained at:

http://www.nicnas.gov.au/Media/Latest_News/Lead_In_Paints_Variations_Decisions_PDF.pdf

Or from

NICNAS
334-336 Illawarra Rd
Marrickville NSW 2204

GPO Box 58
Sydney NSW 2001

Or

Stephen Zaluzny on Tel No. (02) 8577 8883 or email stephen.zaluzny@nicnas.gov.au

3 CHANGES TO NICNAS BANK ACCOUNT DETAILS

IMPORTANT INFORMATION:

NICNAS BANK ACCOUNT WITH WESTPAC – CLOSES ON THE 30 JUNE 2007

Impact on our clients/ customers / Suppliers:

- No-one will be able to bank/ deposit any money into our WESTPAC bank account after this date.
- Cheques or EFT payments to NICNAS presented after this date will be rejected.
- Cheques from NICNAS made payable to our clients /customers/ suppliers after this date will be rejected.
- If you try to make a payment to the NICNAS bank account with Westpac and receive a notice of rejection, you will need to reapply the money into our Reserve Bank account (see new bank details below)

If you are still holding a cheque from NICNAS and have not presented it yet:

- Please make sure you bank this cheque before 25 June 2007 to enable clearing by 30 June 2007.
- If you are unable to bank this cheque by this date please contact NICNAS on 1800 638 528 or email info@nicnas.gov.au and advise us:
 - Cheque number
 - Amount of cheque
 - Payee on the cheque
 - Your business name and client number (if known)
 - Your will be required to return the unpresented cheque to
NICNAS
GPO Box 58
SYDNEY NSW 2001
AUSTRALIA
- A new cheque will be reissued to you in mid-July 2007 once we confirm your details and receive the unpresented cheque.
- If you would prefer to have the money banked directly into your bank account then please advise us your bank account information with your reissue request.

The new NICNAS Bank Account

NICNAS is changing banks effective 1 July 2007. Our new banking arrangements will be with the Reserve Bank. Bank details are:

Bank Details:	Reserve Bank of Australia London Circuit Canberra ACT 2600
BSB Number:	092-009
Account Number:	11608-5
Account Name:	Department of Health and Ageing Official Departmental NICNAS Special Account

4 PUBLICATION SUMMARY REPORT

Component 4 (XC6170) Summary Report Reference No: EX/94 (STD/1196)

Oronite Australia Pty Ltd (ABN: 16 101 548 716) of Level 8, 520 Collins St, Melbourne, Victoria, 3000 and Mobil Oil Australia (ABN: 88 004 052 984) of 29 Francis St, Yarraville Victoria, 3013 have submitted standard notification statements in support of their applications for an assessment certificate for Component 4 (XC6170). The notified chemical is intended to be used as a lubricant additive. Up to 220 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 (ABN 43 009 283 363) of 14 Beete Street, Welshpool Western Australia 6106, has submitted a supplementary information statement in support of their application for extension of the original assessment certificates (No. 2333 and No. 2334, STD/1196) together with written agreements of the holders of the original certificate Oronite Australia Pty Ltd and Mobil Oil Australia Pty Ltd. Perkal Pty Ltd will be importing 15 tonnes of the notified chemical per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

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

R43 – May cause sensitisation by skin contact

Occupational Health and Safety

There is Low Concern to occupational health and safety under the conditions of the occupational settings described, based on the expected low exposure.

Public Health

There is High Concern to public health when used as a lubricant additive due to the hazardous nature and proposed use patterns.

Environmental Effects

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

RECOMMENDATIONS

Regulatory Controls

Hazard Classification and Labelling

- The Office of the ASCC, Department of Employment and Workplace Relations (DEWR), should consider the following hazard classification for the notified chemical:
 - R43 May cause sensitisation by skin contact
- The following risk phrases for products/mixtures containing the notified chemical apply:
 - ≥1% R43 May cause sensitisation by skin contact
- Products containing ≥1% notified chemical should carry the following warnings on the label:
 - S2 Keep out of reach of children
 - S24 Avoid contact with skin
 - S36 Wear suitable protective clothing
 - S37 Wear suitable gloves

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

Control Measures

Occupational Health and Safety

- Employers should implement the following safe practices to minimise occupational exposure during handling of the notified chemical as introduced:
 - Minimise spills and drips
 - Where possible, automated processes should be used to reduce worker contact
 - Use closed systems for reformulation
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical as introduced and as diluted for use in the lubricant product:
 - Chemical resistant gloves
 - Protective clothing
 - 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.

Public Health

- The marketers of lubricants containing 1% or more the notified chemical should indicate on the product label that the product may cause skin sensitisation (allergic skin reaction) and that skin contact should be avoided.

Disposal

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

Emergency procedures

- Spills or accidental release of the notified chemical should be handled by preventing spills entering waterways, using physical containment, followed by absorption onto inert material (vermiculite, sand etc) and placed into suitable containers for disposal.

Secondary Notification

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

Under 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.

5 PUBLICATION SUMMARY REPORT

Perfluoroamphiphile in Dynax DX 5011 Summary Report Reference No: LTD/1285

Kidde Australia Pty Ltd (ABN 68 006 252 428) of 314 Boundary Road, Dingley, VIC, 3172 has submitted a limited notification statement in support of their application for an assessment certificate for Perfluoroamphiphile in Dynax DX 5011. The notified polymer is intended to be used as an additive for improving foam stability in aqueous fire fighting foam concentrates for hydrocarbon fuels. Typical end-users are fire brigades, industrial fire services and foam fire extinguisher manufacturers. Fire extinguishers will not be used in home or office environments. Up to one tonne of the notified polymer will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

Based on the available data, the notified polymer is not classified as a hazardous substance in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances* (NOHSC 2004).

Once released to the environment the notified polymer will be subject to biotic and abiotic mechanisms which will overtime, breakdown the polymer. No degradation products or pathways of the notified polymer have been identified. Perfluorocarboxylic acids and fluorotelomer sulfonates are potential breakdown products.

In the absence of data on the potential perfluorocarboxylic acid breakdown products, it is considered that these breakdown products could have a number of systemic toxic effects including developmental effects. Based on the limited data available the potential breakdown product 6:2 fluorotelomer sulfonate is not classified as a hazardous substance in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances* (NOHSC 2004). However, it is noted that the full toxicological profile of this breakdown product has not been investigated e.g. carcinogenicity.

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 due to direct exposure to the notified polymer. Although indirect exposure of the general population to the polymer's degradation products is expected to be low, long-term potential adverse health effects cannot be ruled out.

Environmental Effects

On the basis of the PEC/PNEC ratio the notified polymer may pose an unacceptable risk to the environment. However, it is acknowledged this would be a rare event and in most cases

the relevant authorities would erect bunding to prevent releases in this situation. Breakdown products of the notified polymer are persistent and may build-up and be distributed widely in the environment.

RECOMMENDATIONS

Regulatory Controls

AICS

- When the notified polymer is added to the Australian Inventory of Chemical Substances (AICS), it should be annotated with the following condition of use:
 - For use only as a class B fire fighting foam for which no suitable and less hazardous alternatives are available.

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 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:
 - Impervious gloves
 - Eye protection
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer/thermal decomposition products during fire fighting activities.
 - Breathing apparatus

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.

Public Health

- The following measures should be taken to minimise public exposure to the notified polymer and its potential breakdown products:
 - Use of the fire fighting foam concentrate containing the notified polymer should be restricted to only essential uses, for which no suitable and less hazardous alternatives are available.

- Fire fighting foam concentrate containing the notified polymer should not be used for fire training purposes to limit environmental release.

Environment

The following control measures should be implemented to minimise environmental exposure during fire fighting activities with foam concentrate containing the notified polymer:

- Minimise run-off by containment (e.g. bunding) and removal
- If any polymer does reach natural waters, ensure sufficient dilution with water occurs (up to 100 fold the volume of the lost foam may be needed if this occurs in a country sewer).

Disposal

- The notified polymer should be disposed of in accordance with the relevant local, state and federal government regulations and undertaken by a registered chemical disposal company. Disposal to landfill is acceptable.

Emergency procedures

- Spills/release of the notified polymer should be handled by containing the spill / stopping the leak if possible (for example, turn the leaking containers leak-side up) or by bunding for a large spill.
- Place inert absorbent material such as vermiculite, sand or dirt onto spilled material and recover by vacuuming, shovelling or sweeping and place into a suitable labelled container for disposal.
- Wash the floor with plenty of water and recover the cleaning water for disposal.
- If large quantities of the polymer enter waterways, contact the Environmental Protection Authority and the local waste management authority

Secondary Notification

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

- (1) Under Section 64(1) of the Act; if
 - the importation volume exceeds one tonne per annum notified polymer; or
 - the polymer has a number-average molecular weight of less than 1000; or
 - further information becomes available about the breakdown of the polymer to perfluoroalkyl moieties and/or their toxicity.

or

- (2) 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. If the importation volume exceeds one tonne per annum a result for toxicity to algae and information on potential adsorption to soil should be provided. Data on the biodegradability of the notified polymer should also be provided.

6 PUBLICATION SUMMARY REPORT

Ucecoat 7849 Summary Report Reference No: LTD/1301

Cytec Australia Holdings Pty Limited (ABN: 45 081 148 629) of Suite 1, Level 1 Norwest Quay 21 Solent Circuit Norwest Business Park Baulkham Hills NSW 2153 has submitted a limited notification statement in support of their application for an assessment certificate for Polymer in UCECOAT® 7849. The notified polymer is intended to be used as a component of UV-curable coatings for substrates such as wood. The notified polymer will be imported in 200 L stainless steel drums as < 40% active material. It will be transported from the wharf to the notifier for warehousing before being supplied to paint formulators for formulation into a paint product. The liquid polymer dispersion will be reformulated into paint products at the paint manufacturing site and will involve transfer of notified polymer by metered dosing to a 1000 kg stainless steel mixing vessel and mixing the notified polymer and other ingredients in a sealed vessel fitted with a high-speed mixer. Each batch is to be quality checked and adjustments made as required. The resultant paint is filtered prior to being dispensed into 20 L closed head drums for supply to customers. Paint products containing the notified polymer will be warehoused at the paint manufacturer's site in and distributed to end-users. At the end users site the paint containing the notified polymer is applied to wood boards by roller coater or automatic spray machine. Up to 100 tonnes of the notified polymer will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

The notified polymer in an aqueous dispersion ($\leq 40\%$) is a slight skin and eye irritant in rabbits. No other toxicological data were submitted but the notified polymer is not expected to be acutely or chronically toxic, a skin sensitiser or genotoxic based on consideration of the chemical structure.

Occupational Health and Safety

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

Public Health

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

Environmental Effects

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

RECOMMENDATIONS

Control Measures

Occupational Health and Safety

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

Environment

- The notified chemical should not be released to the aquatic environment.

Disposal

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

Regulatory Obligations

This risk assessment is based on the information available at the time of notification. If the circumstances under which the notified chemical was assessed change a reassessment may be needed. Under the *Industrial Chemicals (Notification and Assessment) Act (1989)* the notifier, as well as any other importer or manufacturer of the notified chemical, have post-assessment regulatory obligations to notify NICNAS when any of these circumstances change. These obligations apply whether or not the notified chemical has been listed on the Australian Inventory of Chemical Substances (AICS).

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

- (1) Under Section 64(2) of the Act; if
 - the function or use of the chemical as a component of a UV curable coating has changed, or is likely to change significantly;
 - the amount of chemical being introduced (up to 100 tonnes per annum) has increased, or is likely to increase, significantly;
 - if the chemical has begun to be manufactured in Australia;
 - additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

No additional secondary notification conditions are stipulated.

7 PUBLICATION SUMMARY REPORT

FJC-001B Summary Report Reference No: LTD/1303

Brother International (Aust) Pty Ltd (ABN 17 001 393 835) of 7th Khartoum Rd, NORTH RYDE NSW 2113 has submitted a limited notification statement in support of their application for an assessment certificate for FJC-001B. The notified chemical is intended to be used as a component of a water-soluble ink for use in ink-jet printers. Up to 1 tonne of the notified chemical will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

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

Xi

R41 - Risk of serious damage to eyes

Occupational Health and Safety

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

Public Health

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

Environmental Effects

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

RECOMMENDATIONS

Regulatory Controls

Hazard Classification and Labelling

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

- S39 Wear eye/face protection
- Use the following risk phrases for products/mixtures containing the notified chemical:
 - Conc \geq 10%: R41
 - 5% \leq concentration < 10%: R36

Control Measures

Occupational Health and Safety

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

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

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

Disposal

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

Emergency procedures

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

Secondary Notification

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

- (1) Under Section 64(1) of the Act; if
 - the importation volume exceeds one tonne per annum notified chemical;

or

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

The Director will then decide whether secondary notification is required.

8 PUBLICATION SUMMARY REPORT

Pyridine, 4-ethenyl-, reaction products with 3a, 4, 7, 7a - tetrahydrodimethyl - 4, 7 - methano - 1 H – indene Summary Report Reference No: LTD/1308

International Flavours & Fragrances (Australia) Pty Ltd (ABN 77 004 269 658) of 310 Frankston-Dandenong Road, Dandenong, VIC, 3175 has submitted a limited notification statement in support of their application for an assessment certificate for Pyridine, 4-ethenyl-, reaction products with 3a, 4, 7, 7a - tetrahydrodimethyl - 4, 7 - methano - 1 H – indene. The notified chemical is intended to be used as an ingredient of fragrance oils that are used for formulation of cosmetic and household 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

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:

- R21/22 Harmful in contact with skin and if swallowed
- R43 May cause sensitisation by skin contact

Occupational Health and Safety

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

Public Health

There is Concern to public health when use of certain consumer products that contain high concentration of the notified chemical.

Environmental Effects

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

RECOMMENDATIONS

Regulatory Controls

Hazard Classification and Labelling

- The Office of the ASCC, Department of Employment and Workplace Relations (DEWR), should consider the following health hazard classification for the notified chemical:

Risk phrases:

- R21/22 Harmful in contact with skin and if swallowed
- R43 May cause sensitisation by skin contact

Safety phrases:

- S24 Avoid contact with skin
 - S36 Wear suitable protective clothing
 - S37 Wear suitable gloves
- Use the following risk phrases for products/mixtures containing the notified chemical:
 - $\geq 1\%$: R43
 - $\geq 25\%$: R21/22, R43

NDPSC

- The National Drugs and Poisons Scheduling Committee (NDPSC) should consider the notified chemical for listing on the SUSDP.
- Products containing the notified chemical and available to the public must carry safety directions and warning statements on the label consistent with the following:
 - May cause allergy
 - Keep out of reach of children

AICS

- When the notified chemical is added to the Australian Inventory of Chemical Substances (AICS), it should be annotated with the following conditions of use:
 - For use only in leave-on cosmetics/personal care products containing $\leq 0.2\%$ notified chemical, except body lotion ($\leq 0.05\%$) and deodorant sprays ($\leq 0.03\%$);
 - For use only in wash-off cosmetics/personal care products containing $\leq 0.6\%$ notified chemical;
 - For use only in fragrance cosmetics/personal care products containing $\leq 0.4\%$ notified chemical.

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 engineering controls to minimise occupational exposure to products containing the notified chemical during formulation:
 - Automation of formulation processes, especially transferring of the fragrance oils containing the notified chemical
 - Appropriate ventilation systems
 - Appropriate controls to avoid spillages

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical during formulation and end uses by workers:
 - Avoid direct skin and eye contact during end uses
 - Reduce the period of exposure for workers
 - Prohibiting eating and drinking in contaminated areas or while handling the product containing the notified chemical
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical:
 - appropriate protective clothing
 - appropriate gloves
 - appropriate eye protection

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

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

Public Health

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

- The product label should include the recommended warning statements and safety directions;
- The notified chemical should only be used:
 - in leave-on type of cosmetics/personal care products containing $\leq 0.2\%$ notified chemical, except body lotion ($\leq 0.05\%$) and deodorant sprays ($\leq 0.03\%$);
 - in wash-off type of cosmetics/personal care products containing $\leq 0.6\%$ notified chemical;
 - in fragrance type of cosmetics/personal care products containing $\leq 0.4\%$ notified chemical.

Environment

Disposal

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

Emergency procedures

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

Secondary Notification

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

- (1) Under Section 64(1) of the Act; if
 - the importation volume exceeds one tonne per annum notified chemical;
 - the concentration of the notified chemical in household products exceeds 1%;
 - any baby care products containing the notified chemical are to be introduced to Australia;
 - any consumer products containing the notified chemical other than that were notified (see section 4 of this report) are to be introduced to Australia.

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

9 PUBLICATION SUMMARY REPORT

FSM-002M in Picturemate Photo Cartridge T5852 Summary Report Reference No: LTD/1312

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

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

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

Occupational Health and Safety

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

Public Health

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

Environmental Effects

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

RECOMMENDATIONS

Control Measures

Occupational Health and Safety

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

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

Public Health

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

Disposal

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

Emergency procedures

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

Secondary Notification

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

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

- (1) Under Section 64(1) of the Act; if
 - the importation volume exceeds one tonne per annum notified chemical; or
 - if the notified chemical is imported in any fashion other than within an inkjet ink cartridge.
 - additional mutagenicity test data is to be provided to NICNAS when available.

or

- (2) Under Section 64(2) of the Act; if
 - the function or use of the chemical, intended as a component (<5%) in inkjet printer inks, has changed, or is likely to change significantly;
 - the amount of chemical being introduced has increased, or is likely to increase, significantly;
 - the chemical has begun to be manufactured in Australia;
 - additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

10 PUBLICATION SUMMARY REPORT

**Synthacryl 700
Summary Report
Reference No: LTD/1319**

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 limited notification statement in support of their application for an assessment certificate for Synthacryl 700. The notified polymer is intended to be used in powder coating preparations. 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**

No toxicological data have been provided for the notified polymer and therefore the substance cannot be classified in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances* (NOHSC, 2004).

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

- Employers should implement the following engineering controls to minimise occupational exposure to the notified polymer:
 - Local exhaust ventilation during reformulation processes where exposure to dust may occur, and during transfer of the powder coating.
 - Spray booths during manual spray operations.
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified polymer:
 - Avoid inhalation exposure to powder.
 - Avoid generating and breathing dust.

- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer:
 - Respiratory protection during manual spraying operations and transfer of the powder coating.

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 controlled incineration or landfill in accordance with local jurisdiction waste management regulations.

Emergency procedures

- Spills/accidental release of the notified polymer should be contained and placed in suitable containers for disposal.

Secondary Notification

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

- (1) Under Section 64(1) of the Act; if
 - the polymer has a number-average molecular weight of less than 1000;
 - there is a significant increase in the % of low molecular weight species (<1000).

or

- (2) 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.

11 PUBLICATION SUMMARY REPORT

Flomin F810 Summary Report Reference No: STD/1177

SNF (Australia) Pty Ltd (ABN 32 050 056 267) of 298 Broderick Road, LARA VIC, 3212 has submitted a standard notification statement in support of their application for an assessment certificate for Flomin F810. The notified chemical is intended to be used as a froth-generating reagent in the mineral processing industry across Australia. Up to 10000 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:

- (Xn) R22 Harmful if swallowed
- (Xi) R38 Irritating to skin
- (Xi) R41 Risk of serious damage to eyes

Occupational Health and Safety

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

Public Health

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

Environmental Effects

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

RECOMMENDATIONS

Regulatory Controls

Hazard Classification and Labelling

- The Office of the ASCC, Department of Employment and Workplace Relations (DEWR), should consider the following health hazard classification for the notified chemical:
 - R22 Harmful if swallowed
 - R38 Irritating to skin
 - R41 Risk of serious damage to eyes

- Use the following risk phrases for products/mixtures containing the notified chemical:
 - conc >25%: R22, R38, R41
 - 20% < conc < 25%: R38, R41
 - 10% < conc < 20%: R41
 - 5% < conc < 10%: R36
- The following safety phrases should appear on the MSDS and label for the notified chemical:
 - S24: Avoid contact with eyes
 - S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
 - S37: Wear suitable gloves
 - S39: Wear eye/face protection

Control Measures

Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to the notified chemical as introduced:
 - Pumps, couplings and transfer lines should be selected to avoid spillage.
- Employers should implement the following engineering controls to minimise occupational exposure to the notified chemical:
 - Ventilation systems where mineral processing occurs inside buildings.
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical:
 - Avoid contact with skin and eyes
 - Minimise time spent near open flotation cells
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical:
 - Protective clothing
 - Protective gloves
 - Eye protection
 - Respiratory protection when working near the flotation cells where adequate ventilation is not available

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

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

Environment

- The following control measures should be implemented to minimise environmental exposure during use of the notified chemical:
 - Physical bunding should be put in place to contain process waters in the event of a settling dam wall breach and groundwater recovery infrastructure should be employed.
 - Tailings dams / settlings ponds should be adequately lined and or be designed to allow ground water recovery.

Disposal

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

Emergency procedures

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

Secondary Notification

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

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

The Director will then decide whether secondary notification is required.

No additional secondary notification conditions are stipulated.

12 PUBLICATION SUMMARY REPORT

Amide #71 in Disparlon 6650 Summary Report Reference No: STD/1219

Chemiplas Australia Pty Ltd (ABN 29 003 056 808) of 3/112 Wellington Parade, East Melbourne VIC 3002 has submitted a standard notification statement in support of their application for an assessment certificate for “Amide #71 in Disparlon 6650”. The notified chemical is intended to be used as a thixotropic agent to enhance the characteristics of paint formulations. Less than 5 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 (for the notified chemical and products containing the notified chemical at >1% concentration):

Xi: R43	May cause sensitisation by skin contact
S22	Do not breathe dust.
S24	Avoid contact with skin
S36/37	Wear suitable protective clothing/gloves

and

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

	<i>Hazard category</i>	<i>Hazard statement</i>
Skin sensitiser	1	May cause allergic skin reaction
Environment: Chronic hazard	4	May cause long lasting harmful effects to aquatic life

Occupational Health and Safety

Under the conditions of the occupational settings described, the risk of sensitisation to workers is considered high, but acceptable given the appropriate use of engineering controls and personal protective equipment, as recommended.

Public Health

When used in the proposed manner, the risk to public health posed by the notified chemical is considered negligible. However, the risk of a sensitisation response in exposed individuals cannot be ruled out.

Environmental Effects

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

RECOMMENDATIONS

Regulatory Controls

Hazard Classification and Labelling

- The Office of the ASCC, Department of Employment and Workplace Relations (DEWR), should consider the following health hazard classification for the notified chemical:
 - Xi: R43 May cause sensitisation by skin contact.
 - S22 Do not breathe dust.
 - S24 Avoid contact with skin
 - S36/37 Wear suitable protective clothing/gloves
- Use the following risk phrases for products/mixtures containing the notified chemical:
 - >1%: Xi: R43 May cause sensitisation by skin contact.
- The following safety phrases should appear on the MSDS and label for the notified chemical and those for products containing the notified chemical:
 - S22 Do not breathe dust.
 - S24 Avoid skin contact
 - S36/37 Wear suitable protective clothing/gloves

Health Surveillance

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

Control Measures

Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure wherever powders containing the notified chemical occur:
 - Low dust techniques
 - Local exhaust ventilation
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical as introduced, and in formulated paint products:
 - Avoid generation of airborne dusts during paint formulation
 - Avoid skin contact

- Avoid breathing dusts or sprayed paint containing the notified chemical
- Restrict access to areas where spray painting is being carried out
- Care must be taken to avoid exposure of workers to spray drift
- Use of spray paints containing the notified chemical should be in accordance with the NOHSC National Guidance Material for Spray Painting (NOHSC, 1999) or relevant State and Territory Codes of Practice.
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical as introduced, and in formulated paint products:
 - Impermeable gloves
 - Coveralls
 - Eye protection
 - Suitable respirators (where any possibility of inhalation exposure exists)

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 employer should implement measures to minimise public exposure to the notified chemical during spray application in populated areas, including:
 - Avoid spray application if possible;
 - Electrostatic airless spray may be used, provided an electro-conductive mist collector shield is used
 - Establish appropriate spray paint exclusion zone
 - Public access to spray paint application areas should be restricted until the paint is completely dry
 - Steps should be taken to minimise spray drift during spray application under windy conditions

Disposal

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

Emergency procedures

- Spills/release of the notified polymer should be contained (i.e. collect spilled material with an inert absorbent) and the resulting waste disposed of to an authorised landfill.

Regulatory obligations

This risk assessment is based on the information available at the time of notification. If the circumstances under which the notified chemical was assessed change, a reassessment may be needed. Under the *Industrial Chemicals (Notification and Assessment) Act (1989)* the notifier, as well as any other importer or manufacturer of the notified chemical, have post-assessment regulatory obligations to notify NICNAS when any of these circumstances change. These obligations apply whether or not the notified chemical has been listed on the Australian Inventory of Chemical Substances (AICS).

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

- (1) Under Section 64(2) of the Act; if
 - the function or use of the chemical has changed, or is likely to change significantly;
 - the amount of chemical being introduced has increased, or is likely to increase, significantly;
 - the chemical has begun to be manufactured in Australia, or is proposed to be manufactured;
 - 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.

13 PUBLICATION SUMMARY REPORT

NXT Silane / Chemical in Carbo NXT Silane Summary Report Reference No: STD/1222

Momentive Performance Material Australia Pty Ltd (ABN 47 105 651 063) of 175 Hammond Road, Dandenong, VIC, 3175 has submitted a standard notification statement in support of their application for an assessment certificate for NXT Silane/Chemical in Carbo NXT Silane. The notified chemical is intended to be used as an additive to tyre rubber to improve performance. The notified chemical will be supplied to tyre manufacturing facilities in South Australia and Victoria. Up to 50 tonnes of the notified chemical will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

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

R43: May cause sensitisation by skin contact

Occupational Health and Safety

There is Moderate Concern to occupational health and safety under the conditions of the occupational settings described. This concern would be mitigated by the described use of PPE.

Public Health

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

Environmental Effects

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

RECOMMENDATIONS

Regulatory Controls

Hazard Classification and Labelling

- The Office of the ASCC, Department of Employment and Workplace Relations (DEWR), should consider the following health hazard classification for the notified chemical:
 - Xi: R43: May cause sensitisation by skin contact
- Use the following risk phrases for products/mixtures containing the notified chemical:

- Conc \geq 1%: R43
- The following safety phrases should appear on the MSDS and label for the notified chemical:
 - S24: Avoid contact with skin
 - S37: Wear suitable gloves

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 engineering controls to minimise occupational exposure to the notified chemical as introduced:
 - Pumps, couplings and transfer lines should be selected to avoid spillage.
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical as introduced:
 - Avoid skin contact
 - Avoid spills and splashes, and clean up any spilt material promptly
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical:
 - Protective clothing
 - Protective gloves
 - Eye protection

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

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

Disposal

- The notified chemical should be disposed of by licensed waste disposal and authorised landfill.

Storage

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

Emergency procedures

- Spills or accidental release of the notified chemical should be handled by physical collection and re-use to the extent possible for the granular form. For the liquid, stop leak if safe to do so and physically contain using inert adsorbent (sand, montmorillonite clay (kitty litter etc.)). Re-use liquid to the extent practicable, collect adsorbed material for disposal. Wash residue with detergent and water and prevent runoff from entering sewer and waterways.

Secondary Notification

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

- (1) 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

Irgafos 38 Summary Report Reference No: STD/1237

Ciba Specialty Chemicals Pty Ltd (ABN 97 005 061 469) of 235 Settlement Road Thomastown Vic 3074 has submitted a standard notification statement in support of their application for an assessment certificate for IRGAFOS 38. The notified chemical is intended to be used as a processing stabiliser for coating resins (powder coatings), polyolefins and olefin copolymers. Up to 10 tonnes of the notified chemical will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

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

Occupational Health and Safety

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

Public Health

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

Environmental Effects

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

RECOMMENDATIONS

Control Measures

Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to the notified chemical as introduced:
 - Local exhaust ventilation during manual weighing and transfer
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical 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 chemical as introduced:

- Protective eyewear
- Impervious 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 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 chemical:
 - Do not allow material or contaminated packaging to enter drains, sewers or water courses.

Disposal

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

Emergency procedures

- Spills or accidental release of the notified chemical should be handled by containment and collection (eg sweeping). The collected material should be recycled, if possible, or disposed of to landfill.

Secondary Notification

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

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

- (1) Under Section 64(2) of the Act; if
 - the function or use of the chemical has changed from a processing stabiliser for coating resins (powder coatings), polyolefins and olefin copolymers, or is likely to change significantly;

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

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

No additional secondary notification conditions are stipulated.

15 PUBLICATION SUMMARY REPORT

**Lexan XHT8141
Summary Report
Reference No: PLC/678**

General Electric Plastics (Australia) Pty Ltd (ABN 92 005 837 454) of 175 Hammond Rd Dandenong VIC 3175 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Lexan XHT8141. The notified polymer is intended to be used to produce injection-moulded or extruded articles. Up to 200 tonnes of the notified polymer will be imported per annum for each of the first five years.

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

No toxicity data was submitted. The notified polymer meets the PLC criteria and is therefore expected to be of low hazard.

The notified polymer is a water insoluble polymer with a molecular weight greater than 10,000 daltons. However, the US EPA concern regarding lung overloading for this class of polymers (high MW, insoluble) is primarily for polymers with a MW greater than 70,000 daltons (although a data gap for polymers with MW 10,000-70,000 is acknowledged). In addition, the particle size distribution of the powder indicates that the mass median diameter is 107 μm , with only 1.5% of the particles having a diameter less than 10 μm (respirable range). Significant respiration of the polymer powder into the lungs resulting in lung overloading is therefore unlikely.

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.

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

Disposal

- The notified polymer should be reused or recycled, if possible, but otherwise can be disposed of to landfill or by incineration, if available.

Emergency procedures

- Spills and/or accidental release of the notified polymer should be handled by containment, collection by sweeping (but do not create a powder cloud) and then placed in a sealable container ready for washing and reuse, if possible, other wise disposed of 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:

- (1) 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

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

The Director will then decide whether secondary notification is required.

16 PUBLICATION SUMMARY REPORT

**CIN10093460 in Kodak Inks
Summary Report
Reference No: PLC/687**

Kodak Australia Pty Ltd (ABN 49 004 057 621) of 181 Victoria Parade, Collingwood VIC 3066 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for “CIN10093460 in Kodak Inks”. The notified polymer is intended to be used as a component of inkjet printer inks, Australia-wide. 150 kg of the notified polymer will be imported per annum for each of the first five years.

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

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

Occupational Health and Safety

The notified polymer presents no significant risk to occupational health and safety under the conditions of the occupational settings described.

Public Health

The notified polymer presents no significant risk to public health when used as a component of inkjet printer inks.

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.
- Service personnel should wear cotton or disposable gloves when removing spent printer cartridges containing the notified polymer and during routine maintenance and repairs.
- A copy of the MSDS should be easily accessible to employees.

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

Disposal

- The notified polymer should be disposed of by landfill.

Emergency procedures

- Spills and/or accidental release of the notified polymer should be handled by adsorbing spill using paper towel (etc.) or adsorbent material. Residual contamination should be cleaned using 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:

- (1) 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

- (2) 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

CIN10072323 in Kodak Inks Summary Report Reference No: PLC/688

Kodak Australia Pty Ltd (ABN 49 004 057 621) of 181 Victoria Parade, Collingwood VIC 3066 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for “CIN10072323 in Kodak Inks”. The notified polymer is intended to be used as a component of inkjet printer inks, Australia-wide. For each of the first five years, 150 kg of the notified polymer will be imported per annum.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

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

Occupational Health and Safety

The notified polymer presents no significant risk to occupational health and safety under the conditions of the occupational settings described.

Public Health

The notified polymer presents no significant risk to public health when used as a component of inkjet printer inks.

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.

- Service personnel should wear cotton or disposable gloves when removing spent printer cartridges containing the notified polymer and during routine maintenance and repairs.
- A copy of the MSDS should be easily accessible to employees.

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

Disposal

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

Emergency procedures

- Spills and/or accidental release of the notified polymer should be handled by adsorbing spill using paper towel (etc.) or adsorbent material. Residual contamination should be cleaned using 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:

- (1) 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

- (2) 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

**CIN10066587 in Kodak Inks
Summary Report
Reference No: PLC/689**

Kodak Australia Pty Ltd (ABN 49 004 057 621) of 181 Victoria Parade, Collingwood VIC 3066 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for "CIN10066587 in Kodak Inks". The notified polymer is intended to be used as a component of inkjet printer inks, Australia-wide. For each of the first five years, 150 kg of the notified polymer will be imported per annum.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

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

Occupational Health and Safety

The notified polymer presents no significant risk to occupational health and safety under the conditions of the occupational settings described.

Public Health

The notified polymer presents no significant risk to public health when used as a component of inkjet printer inks.

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.

- Service personnel should wear cotton or disposable gloves when removing spent printer cartridges containing the notified polymer and during routine maintenance and repairs.
- A copy of the MSDS should be easily accessible to employees.

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

Disposal

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

Emergency procedures

- Spills and/or accidental release of the notified polymer should be handled by adsorbing spill using paper towel (etc.) or adsorbent material. Residual contamination should be cleaned using 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:

- (1) 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

- (2) 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 SUPERFLOC® HX-800 Flocculant Summary Report Reference No: PLC/696

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 SUPERFLOC® HX-800 Flocculant. The notified polymer is intended to be used as an alumina trihydrate flocculant in the Bayer process (used to obtain alumina from bauxite), acting as a filtering aid and hydrate stabiliser. 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

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

Occupational Health and Safety

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

Public Health

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

Environmental Effects

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

RECOMMENDATIONS

Control Measures

Occupational Health and Safety

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

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

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

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

Environment

Disposal

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

Emergency procedures

- Spills and/or accidental release of the notified polymer should be handled by physical containment, collection using inert adsorbents and subsequent 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:

- (1) 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

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

The Director will then decide whether secondary notification is required.

20 PUBLICATION SUMMARY REPORT

Crylcoat 9246-0 and Crylcoat S 04040 Summary Report Reference No: PLC/697

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 Crylcoat 9246-0 and Crylcoat S 04040. The notified polymer is intended to be used as a tackifier in the manufacture of PVC products for various industries such as the building industry. Up to 100 tonnes of the notified polymer will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

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

Occupational Health and Safety

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

Public Health

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

Environmental Effects

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

RECOMMENDATIONS

Control Measures

Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to the notified polymer:
 - Local exhaust ventilation at sites where masterbatch formulation takes place.
- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances*, workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Environment

Disposal

- The notified polymer can be used without reconditioning or may be disposed of with domestic refuse according to local regulations.

Emergency procedures

- Spills and/or accidental release of the notified polymer should be handled by sweeping or shovelling up.

Secondary Notification

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

- (1) 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

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

The Director will then decide whether secondary notification is required.

21 PUBLICATION SUMMARY REPORT

Polymer in Gelva GME AX3312-22 Adhesives Summary Report Reference No: PLC/698

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 Gelva GME AX 3312-22 Adhesives. The notified polymer is intended to be used as an emulsion adhesive for clear filmic labels. Up to 250 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 Negligible Concern to occupational health and safety under the conditions of the occupational settings described.

Public Health

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

Environmental Effects

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

RECOMMENDATIONS

Control Measures

Occupational Health and Safety

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

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

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

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

Environment

Disposal

- The notified polymer should be disposed of by recycling, recovering and reuse of the materials, where permitted. It is recommended that the waste generated be disposed by thermal treatment or incineration at approved facilities. All local and national regulations should be followed.

Emergency procedures

- Spills and/or accidental release of the notified polymer should be handled by covering the spill with an absorbent material; sweeping and placing in a waste disposal container. The spill area should be flushed with water.

Secondary Notification

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

- (1) 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

- (2) 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 VIAPAL VUP 4693 E/68 Summary Report Reference No: PLC/699

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 Viapal VUP 4693 E/68. The notified polymer is intended to be used as a binder in the manufacture of putty for the after-market automotive industry. Up to 10 tonnes of the notified polymer will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

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

Occupational Health and Safety

There is Negligible 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 putty manufacturers and applicators to minimise environmental exposure during use of the notified polymer:
 - Avoid release of the notified polymer to sewer.
 - Manufacturing and paint application areas should be bunded.
- The notified polymer should be disposed of to landfill. Empty containers should be sent to local waste disposal facilities.
- Spills and/or accidental release of the notified polymer should be handled by covering with inert absorbent material; sweeping up and placing in a waste disposal container. Spills should also be flushed with water.

Secondary Notification

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

- (1) 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
- (2) 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 VIACRYL VSC 6295w/45A Summary Report Reference No: PLC/700

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 VIACRYL VSC 6295w/45WA. The notified polymer is intended to be used in paint formulations and wood finishes. Products containing the notified polymer will be applied to wood substrates by industrial users and tradesmen using paint brushes, rollers or paint pads. Up to 100 tonnes of the notified polymer will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

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

Occupational Health and Safety

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

Public Health

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

Environmental Effects

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

RECOMMENDATIONS

Control Measures

Occupational Health and Safety

- 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.

- Spray painting applications should be in accordance with the NOHSC *National Guidance Material for Spray Painting*.

Environment

Disposal

- The notified polymer should be disposed of to landfill.

Storage

Emergency procedures

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

Secondary Notification

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

- (1) 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

- (2) 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

**Polymer in Morester 49X174
Summary Report
Reference No: SAPLC/64**

Rohm and Haas Australia Pty. Ltd. (ABN 29 004 513 188) 4th Floor, 969 Burke Road Camberwell VIC 3124 has submitted a polymer of low concern (PLC) notification statement in support of their application for a self-assessed assessment certificate for Polymer in Morester 49x174. The notified polymer is intended to be used as a laminating resin in the manufacture of laminated textile products. The notified polymer will be imported as a component of a granulated plastic laminating resin. The moulding resin will be imported by sea in 20 kg paper bags. The laminating resin will be transferred manually from the paper bags to a hot melt and applicator machine where it will be heated to 180°C and applied to textile components. Up to 10 tonnes of the notified polymer will be imported per annum for each of the first five years.

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

No toxicological data were submitted. The notified polymer meets the PLC criteria and can therefore be considered to be of low hazard. The notified polymer is, however, a high molecular weight, insoluble polymer and the inhalation of respirable particles of this class of polymer has been linked with lung overloading. However, the notified polymer is imported in a form which contains no particles of this size.

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**

- If dust is generated during the laminating process, it is recommended that local exhaust ventilation, dust respirators and safety glasses are used to minimise exposure to the notified polymer dust, however, these and other engineering controls and

personal protective equipment should be selected on the basis of all ingredients in the formulation.

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

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

Disposal

- The notified polymer waste 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 collected and placed in suitable containers for disposal.

Secondary Notification

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

- (1) 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

- (2) 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

**Arachidyl Glucoside
Summary Report
Reference No: SN/17**

Johnson & Johnson Pacific Pty Ltd (ABN 73 001 121 446) of Level 3, 1 Bay Street, Broadway NSW 2007 has submitted a secondary notification statement in support of their application for an assessment certificate for Arachidyl Glucoside. The notified chemical is intended to be used as an emulsifier and to contribute to qualities of smoothness, thickness and creamy consistency in cosmetic cream and lotion products. Up to 4.975 tonnes of the notified chemical will be imported per annum for each of the first five years.

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

Based on the available data the notified chemical is not classified as a hazardous substance 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 at up to 1.5% in cosmetic creams and lotions.

Environmental Effects

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

RECOMMENDATIONS**Control Measures**

Occupational Health and Safety

- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical in the product Montanov 202:
 - Gloves
 - Safety eyewear
 - Protective clothing
- A copy of the MSDS should be easily accessible to employees.

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

Environment

- The following control measures should be implemented by the reformulator to minimise environmental exposure during the formulation of personal care products of the notified chemical:
 - All process and storage areas are bunded with any drains going to an onsite effluent treatment plant.

Disposal

- The notified chemical should be disposed of to landfill.

Emergency procedures

- Spills/release of the notified chemical should be handled by containment, collection by either manual means or adsorption, and then placed in a labelled sealable 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:

- (2) 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.

26 ACCESS TO FULL PUBLIC REPORT

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

Reports can also be viewed and downloaded free of charge from our website at <http://www.nicnas.gov.au/>. Copies of these reports may also be requested, free of charge, by contacting the Administration Section of NICNAS by phone: (02) 8577 8870 or fax: (02) 8577 8888.

27 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 1
Low Volume Category Permits

PERMIT NUMBER	COMPANY NAME	COMPANY POSTCODE	CHEMICAL OR TRADE NAME	HAZARDOUS SUBSTANCE	USE	DATE
757 (Renewal)	Givaudan Australia Pty Ltd	2128	3-(1,1-Dimethylethyl) Cyclohexyl Acetate	Yes	Aroma Chemical	18/4/07
758	Symrise Pty Ltd	2099	2(3H)-Furanone, 5-hexyldihydro-4-methyl-	ND	Fragrance in Domestic End-Use Products	30/4/07
759 (Renewal)	Givaudan Australia Pty Ltd	2128	Azurone	Yes	Fragrance Ingredient	23/5/07
760 (Renewal)	Firmenich Ltd	2093	Trifone	Yes	Fragrance Ingredient	22/5/07
761 (Renewal)	Firmenich Ltd	2093	Vulcanolide	Yes	Fragrance Ingredient	22/5/07
762 (Renewal)	Firmenich Ltd	2093	Transluzone	Yes	Fragrance Ingredient	22/5/07
763 (Renewal)	Firmenich Ltd	2093	Pyridine Orange	Yes	Fragrance Ingredient	22/5/07
764 (Renewal)	Firmenich Ltd	2093	Myrrhone	Yes	Fragrance Ingredient	22/5/07
765 (Renewal)	Firmenich Ltd	2093	Fructopyridine	Yes	Fragrance Ingredient	22/5/07
766 (Renewal)	Firmenich Ltd	2093	Doremox	Yes	Fragrance Ingredient	22/5/07

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

28 COMMERCIAL EVALUATION CATEGORY PERMIT

The permits listed in Table 1 were issued to import or manufacture the following chemicals for commercial evaluation under section 21G of the *Industrial Chemicals (Notification and Assessment) Act 1989*.

Table 2
Commercial Evaluation Category Permits

PERMIT NUMBER	COMPANY NAME	COMPANY POSTCODE	CHEMICAL OR TRADE NAME	HAZARDOUS SUBSTANCE	QUANTITY	USE	PERIOD APPROVED
691	Era Polymers Pty Ltd	2019	Polymer in Stepanpol PS 1922	ND	4000 kg	Component of foam insulation panels in industrial settings and cool stores	2 years
692	Dowell Schlumberger (Western) S.A.	6000	Chemical in ClearFRAC HT J566	Yes	3800 kg	Fracturing chemical for industrial offshore oil and gas production	2 years
693	Arkema Pty Ltd	3121	Polyram L80	Yes	4000 kg	Bitumen additive for road repair	3 months

29 EARLY INTRODUCTION PERMITS FOR NON-HAZARDOUS INDUSTRIAL CHEMICALS

The permits listed in Table 3 were issued to import or manufacture the following chemicals prior to the issue of their respective assessment certificates under section 30A of the Act.

Table 3

Early Introduction Permits

PERMIT NUMBER	COMPANY NAME	CHEMICAL OR TRADE NAME	USE
495	National Starch & Chemical Pty Ltd	Polymer in Versaflex ONE	Water treatment
496	Lubrizol International Inc.	Polymer in Sancure 825	Component in coatings for rigid materials
497	Lanxess Pty Ltd	LEWATIT MonoPlus TP 207	Ion-exchange resin for the selective extraction of heavy metal cations

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 4

Chemicals Eligible for Listing on the Australian Inventory of Chemical Substances

CHEMICAL NAME	MOLECULAR FORMULA	CAS NUMBER
1-methyl-3-(2-methylpropyl)cyclohexan-1-ol	C ₁₁ H ₂₂ O	215231-33-7
2-cyclohexylidene-2-phenylacetonitrile	C ₁₄ H ₁₅ N	10461-98-0
2-Butanone, O-[[[[1,3,3-trimethyl-5-[[[[1-methyl propylidene) amino] oxy] carbonyl] amino] cyclohexyl] methyl] amino] carbonyl]oxime	C ₂₀ H ₃₆ N ₄ O ₄	68083-48-7
octadecanoic acid, methyl ester, reaction products with 1-(2-hydroxy-2-methylpropoxy)-2,2,6,6-tetramethyl-4-piperidinol	Unspecified	300711-92-6
1,4-Benzenedicarboxylic acid, polymer with 2-(chloromethyl)oxirane, 2,2-dimethyl-1,3-propanediol, 1,2-ethanediol, 4,4'-(1-methylethylidene)bis[phenol] and 2-oxiranylmethyl neodecanoate	(C ₁₅ H ₁₆ O ₂ .C ₁₃ H ₂₄ O ₃ .C ₈ H ₆ O ₄ .C ₅ H ₁₂ O ₂ .C ₃ H ₅ Cl.O.C ₂ H ₆ O ₂) _x	287105-13-9
1,4-Benzenedicarboxylic acid polymer with 2,2-dimethyl-1,3-propanediol, 1,2-ethanediol and 2,2'-oxybis[ethanol]	(C ₈ H ₆ O ₄ .C ₅ H ₁₂ O ₂ .C ₄ H ₁₀ O ₃ .C ₂ H ₆ O ₂) _x	132354-80-4
2,7-Naphthalenedisulfonic acid, 4-amino-3-[[4-[[4-(2-amino-4-hydroxyphenyl)azo]phenyl]amino]-3-sulfophenyl]azo]-5-hydroxy-6(phenylazo)-, trilithium salt	C ₃₄ H ₂₇ N ₉ O ₁₁ S ₃ .3 Li	108936-08-9
2,6-naphthalenedicarboxamide N,N'-dicyclohexyl-	C ₂₄ H ₃₀ N ₂ O ₂	153250-52-3
Siloxanes and silicones, di-Me, (C13-15-alkyloxy)-and [[[3-[[2-[(4-hydroxy-1-oxobutyl)amino]ethyl]amino]-2-methylpropyl]-methoxymethylsilyl]oxy]-terminated]	Unspecified	193635-62-0
Fatty acids, C16-18 and C18-unsatd., polymers with benzoic acid, p-tert-butylbenzoic acid, neopentyl glycol, palmitic acid, pentaerythritol, phthalic anhydride and trimethylolpropane	Unspecified	929218-71-3
Hexanedioic acid, telomer with 5(or 6)-	(C ₂₁ H ₃₆ O ₄ .C ₆ H ₁₀	929296-14-0

carboxy-4-hexyl-2-cyclohexene-1-octanoic acid, 2,5-furandione, 2,2'-oxybis[ethanol] and sodium sulfite (1:1)	$O_4 \cdot C_4 H_{10} O_3 \cdot C_4 H_2 O_3)_x \cdot H_2 O_3 S \cdot N a$	
Fatty acids, C14-18 and C16-18-unsatd., polymers with benzoic acid, pentaerythritol, phthalic anhydride and trimethylolpropane	Unspecified	929218-73-5
1,4-Butanediol, polymer with 5-amino-1,3,3-trimethylcyclohexanemethanamine, .alpha.-hydro-.omega.-hydroxypoly[oxy(methyl-1,2-ethanediyl)], 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethylcyclohexane and 1,1'-methylenebis[isocyanatobenzene], ethanolamine-blocked	Unspecified	929115-18-4
2,5-Furandione, dihydro-, polymer with 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis[oxirane] and .alpha.-(1-oxo-2-propen-1-yl)-.omega.-hydroxypoly[oxy(methyl-1,2-ethanediyl)]	Unspecified	928623-66-9
Carbon black, oxidized	Unspecified	308063-55-0
Amides, C8-10, N-hydroxy, potassium salts	Unspecified	913261-57-1
Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy-, polymer with 1,6-diisocyanatohexane, polyethylene glycol mono-branched tridecyl ether-blocked	Unspecified	439289-81-3
Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-hydro-.omega.-hydroxy-, polymer with (3-isocyanatopropyl)trimethoxysilane	Unspecified	916915-90-7
Fatty acids, C18-unsatd., dimers, polymers with bisphenol A, diethylenetriamine, lactic acid, polypropylene glycol diglycidyl ether and propylene oxide	Unspecified	929194-47-8
alpha.-D-Glucopyranoside, .beta.-D-fructofuranosyl, docosanoate, branched and linear	Unspecified	930306-67-5
Soybean oil, hydrogenated, polymer with docosanoic acid, ethylene glycol, pentaerythritol, terephthalic acid and trimellitic anhydride	Unspecified	929194-55-8

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 5

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

CHEMICAL NAME	MOLECULAR FORMULA	CAS NUMBER
Pyridine, 4-ethenyl-, reaction products with 3a, 4, 7, 7a - tetrahydrodimethyl - 4, 7 - methano - 1 H - indene	C ₁₂ H ₁₆ .C ₇ H ₇ N	125352-06-9
2-Propenoic acid, 2-methyl-, 1,2-ethanediyl ester, polymer with methyl 2-methyl-2-propenoate	(C ₁₀ H ₁₄ O ₄ .C ₅ H ₈ O ₂) _x	25777-71-3
Phosphorous acid, bis[2,4-bis(1,1-dimethylethyl)-6-methylphenyl] ethyl ester	C ₃₂ H ₅₁ O ₃ P	145650-60-8