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Australian Government

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

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

CONTENTS

PERMITS ISSUED

AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES

1 CHANGES TO THE HANDBOOK FOR NOTIFIERS

The *Handbook for Notifiers* has been updated on the NICNAS website to include a new category for Controlled Use (Export Only) Permit and other amendments.

The Handbook is a guide to importers, manufacturers and exporters of industrial chemicals in Australia. It outlines their obligations under the *Industrial Chemicals (Notification and Assessment) Act 1989*, as well as the assessment and notification procedures and other information relevant to industrial chemicals regulation.

The Handbook can be found at
http://www.nicnas.gov.au/Publications/NICNAS_Handbook.asp

For further enquiries about the *Handbook for Notifiers* contact Hana Hamdan (Team Leader, Notification and Assessment) on 02 8577 8855 or email to info@nicnas.gov.au.

2 NEW CHEMICALS NOTIFICATION FEES

The purpose of this Notice is to inform new chemicals applicants that all applications including other new chemicals applications submitted previously but not completely paid for will incur the 2006/07 fees.

It is noted that for applications submitted under the Submit Once Review Once system, payment of the remainder of the assessment fees (according to 2006/07 fee schedule) must be lodged within 7 days of starting the assessment clock.

For all payments you are required to supply the Notification number and/or Invoice number. Notification numbers can be obtained from New Chemicals Admin once a copy of all relevant signed forms have been received.

Payment Options

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1. CHEQUE PAYMENTS

Cheques are to be made payable to National Industrial Chemicals Notification and Assessment Scheme (NICNAS) in $AUD. Payments marked **Attn New Chemicals Admin** are to be mailed to:

NICNAS
GPO Box 58
SYDNEY NSW 2001
AUSTRALIA

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2. CREDIT CARD PAYMENTS

Invoice or Notification number:

❒ Bankcard ❒ MasterCard ❒ Visa

Expiry Date: Amount:

__ __ / __ __ / __ __ $ _____

Credit Card number:

Authorised Signature: Print Name:

_____ _____

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3. ELECTRONIC FUNDS TRANSFER

Electronic Funds Transfers can only be made if you have an invoice number. Please contact New Chemicals Admin on 02 8577 8800 if you require an invoice number.

If payment is being made from a foreign bank, all bank charges/fees in getting the exact $AUD to NICNAS is payable by the payee.

The details for EFT payments are as follows:

Westpac Banking Corporation Fyshwick ACT 2600	BSB Number: 032-747 Account Number: 156077 Account Name: Dept of Health and Ageing Official Departmental Receipts and Payments NICNAS Special Account

Please quote your Invoice Number and/or Notification number when making the payment.

Please Fax Remittance Confirmation from your bank to NICNAS on: 02 8577 8888.

3 NOTICE TO ALL CURRENT ASSESSMENT CERTIFICATE HOLDERS ISSUED UNDER THE LIMITED CATEGORY

This Notice applies to current assessment certificate holders under the limited notification category for polymers with NAMW <1000 and chemicals other than polymers:

1. Small introduction volume (< 1 tonne/year)
2. Site limited (<10 tonne/year)

Certificates issued under this category only allow for the volumes indicated for the relevant category ie 1 tonne/annum or 10 tonnes/annum (site limited only).

If you are proposing to exceed the allowable introduction volume, you will be required to upgrade your certificate to the standard category.

To upgrade your certificate you will need to submit an application for secondary notification under section 65 of the *Industrial Chemicals (Notification and Assessment) Act 1989* (the Act) and fulfill all the data requirements for a standard notification.

If you are proposing to significantly increase the introduction volume above what was notified in your original limited application but still below the allowable introduction volume for this category, you will need to notify the Director, NICNAS, in accordance with Section 64 of the Act. The Director will then make the decision whether secondary notification is required.

4 UPDATE ON ANNUAL REPORTING

Commencing in 2005, Annual Reports for the previous registration year (1 September - 31 August) are required from introducers importing or manufacturing chemicals under:

- A commercial evaluation permit; and/or
- A low volume chemical permit; and/or
- A controlled use permit; and/or
- A self assessed assessment certificate; and/or
- An exemption.

Under the Act, Annual Reports must be submitted to NICNAS by 28 September of the new registration year. NICNAS is now accepting reports for the 2005/2006 registration year. Additionally those organisations enrolled for reporting for the 2004/2005 registration year and are yet to submit their report may now do so.

To assist with reporting, NICNAS has developed an online method of annual reporting which allows introducers to submit their details via the NICNAS website. The online reporting facility can be accessed via the NICNAS website:
http://www.nicnas.gov.au/Industry/Reporting_Annually.asp

Any information previously provided to NICNAS via notification or exemption advice will be used to pre-populate organisation's reporting accounts.

Guidance material is available from the website, however NICNAS staff are available to assist with the use of the reporting software. Please contact Lewis Norman on 02 8577 8854 or email lewis.norman@nicnas.gov.au for assistance.

5 DECISIONS REGARDING REQUESTS TO VARY THE SECONDARY NOTIFICATION REPORT ON HFE-7100

In accordance with section 60E(6) of the *Industrial Chemicals (Notification and Assessment) Act 1989 (*the Act), notice is hereby given by the Director that a decision has been made on each request to vary the draft Secondary Notification Assessment Report on HFE-7100. These are included below:

REQUESTS BY 3M

Section 4 Physical and Chemical Properties

Request 1. To amend the Flash point value

The flash point of 60 °C be amended to 'No flash point'. A report on the combustion testing of HFE-7100 was provided to NICNAS on 19 July 2006. The substance was determined to have no flash point in the report.

DECISION: Agree to amend the Flash Point result to "No flash point"

Request 2. To amend the Surface Tension value

The surface tension value of 72.6 mN/m be amended to 13.86 mN/m. Results of an analytical report on a sample of HFE-7100 indicated the surface tension value to be 13.86 dyne/cm at 22°C. The surface tension report was provided with the request to vary the report.

DECISION: Agree to amend the Surface Tension value to 13.86 mN/m

For: further information please contact:

Dr Marie Verghis
Phone: 02 8577 8848
Email: marie.verghis@nicnas.gov.au

6 DECISIONS REGARDING REQUESTS TO VARY REPORT FOR INFINEUM C9350

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 Existing Chemical Secondary Notification report on Infineum C9350.

A copy of the decisions can be obtained at www.nicnas.gov.au/news

Or

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

7 MANUFACTURING & FORMULATING (INTRODUCING) – NICNAS REGISTRATION REQUIREMENTS?

NICNAS registration is required for all importers and/or manufacturers of relevant industrial chemicals. **Manufacture** refers to a chemical reaction, resulting in a product that is chemically different to the ingredients originally added. **Formulation** refers to the process of mixing or blending ingredients that does not result in any chemical changes to the ingredients.

All chemicals not included on the Australian Inventory of Chemical Substances (AICS) are considered new chemicals. New chemicals may not be introduced (manufactured or imported) unless the introducer has a current certificate, permit or the chemical meets the criteria for an exemption.

Example 1. A company purchases ingredients from an Australian supplier. These ingredients are then blended to form a mixture. The final product is a mixture of the original ingredients, containing only those ingredients in the same chemical form as when they were added to the mix. In this case the ingredients do not need to be checked against the AICS as this is the responsibility of the original introducer of the chemicals into Australia. NICNAS registration is also **not required** in this case as no chemicals have been manufactured.

Example 2. A company imports ingredients from an overseas supplier and blends them to form a mixture. The final product is a mixture of the original ingredients, containing only those ingredients in the same chemical form as when they were added to the mix. In this case the ingredients need to be checked against the AICS as this company is the introducer of chemicals into Australia. The company **does require** NICNAS registration in this case as they are the introducer of the chemicals. Only the value of the imported chemicals, including insurance, freight and duty, is used to determine the correct Tier of registration as no manufacturing process occurs.

Example 3. A company purchases ingredients from a local supplier in Australia. These ingredients are then combined and undergo a chemical reaction to produce the final product. In this case the chemical composition of the final product must be checked against the AICS to ensure it is not a new industrial chemical. NICNAS registration **is also required** in this case for the manufacture of industrial chemicals. To determine the correct registration Tier, the total cost of chemicals manufactured is calculated by totalling the labour & materials (including all ingredients) involved in the manufacture plus the factory overhead expenses.

Example 4. A company imports ingredients from an overseas supplier. These ingredients are then combined and undergo a chemical reaction to produce the final product. In this case the ingredients *and* the chemical composition of the final product must be checked against the AICS. NICNAS registration **is also required** in this case for the import *and* manufacture of industrial chemicals. The total cost of chemicals manufactured is calculated by totalling the labour & materials (including all ingredients) involved in the manufacture plus the factory overhead expenses. To determine the correct registration Tier, both imported and manufactured chemicals must be counted. However, those imported chemicals that are used in the manufacturing process are only counted once (as an import **OR** an ingredient in the manufacturing process).

For further information, please contact Stuart Wilson on 02 8577 8871 or stuart.wilson@nicnas.gov.au.

8 PUBLICATION SUMMARY REPORT

Poly(oxy-1,2-ethanediyl), alpha-[2-[bis(2-aminoethyl) methylammonio]ethyl]-omega-hydroxy-, N,N'-bis(C16-18 and C18-unsatd. Acyl) derives., Me sulfates (salts)
Summary Report
Reference No: STD/1033

Concept Chemical Corporation Pty Ltd (ABN 38 001 907 464) of 14/33 Ryde Road, Pymble, NSW 2073 has submitted a standard notification statement in support of their application for an assessment certificate for Poly(oxy-1,2-ethanediyl), α-[2-[bis(2-aminoethyl) methylammonio]ethyl]-ω-hydroxy-, N,N'-bis(C16-18 and C18-unsatd. acyl) derivs., Me sulfates (salts). The notified chemical is intended to be used as anti-static agent to be used in consumer fabric softener products. Up to 100 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 likely to be classified as hazardous under the NOHSC *Approved Criteria for Classifying Hazardous Substances*. The classification and labelling details are:

- R36/38 Irritating to skin and eye

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

On the basis of the Q (PEC_{River}/PNEC) ratio after very extensive mitigation, the notified chemical is not expected to pose a significant risk to the environment based on the notified use pattern. However, further testing work should be undertaken to confirm this finding, as this depends on a number of assumptions. This testing should be directed at determining the actual level of removal of notified chemical in STP's and the mitigating effect that dissolved organic carbon, as opposed to clay, has on the ecotoxicity of the notified chemical.

RECOMMENDATIONS

Regulatory Controls
Hazard Classification and Labelling

- The notifier should apply the following health hazard classification for the notified chemical and products containing the notified chemical at ≥ 20%:
  - R36/38 Irritating to skin and eye

- The following safety phrases should be used:
  - S24/25 Avoid contact with skin and eyes
  - S26 In case of contact will eyes, rinse immediately with plenty of water and seek medical advice
  - S36/37/39 Wear suitable protective clothing, gloves and eye/face protection

Control Measures

Occupational Health and Safety

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical as introduced:
  - Prevent spills and splashes

- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical as introduced
  - Chemical resistant gloves, protective clothing, and safety goggles or safety glasses.

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

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

- If products and mixtures containing the notified 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

- Product containing > 5% of the notified chemical should be packaged and labelled according to the requirement of the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP), under the category "quaternary ammonium compounds".

- The following measures should be taken by the formulators of consumer products containing the notified chemical to minimise public exposure to the notified chemical:
  - Advice on the label of products containing the notified chemical should include information on the possibility of dermal and eye irritation to sensitive individuals and recommend washing of skin and eyes immediately following exposure to the fabric softener product.

Environment

- The following control measures should be implemented by end users to minimise environmental exposure during use of the notified chemical:
  - Do not allow concentrated material or contaminated packaging to enter drains, sewers or water courses.

Disposal

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

Emergency procedures

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

Secondary Notification

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

Under Section 64(1) of the Act; if:

- The import volume of the notified chemical exceeds 100 tonne per annum. If this occurs, further testing may be required (for example, OECD TG 303A Simulation Test) relating to adsorption/desorption to the organic fraction (rather than clay) in the sewerage treatment plant and/or Local Lymph Node Assay (LLNA) for skin sensitisation
- The concentration of the notifier chemical in fabric softeners is > 15%

or

Under Section 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

9 PUBLICATION SUMMARY REPORT

Polymer in Component B of HIT-RE 500
Summary Report
Reference No: STD/1115

Cytec Australia Holdings Pty. Ltd. (ABN: 45 081 148 629) of 21 Solent Circuit Norwest Business Park Baulkham Hills NSW 2153 and Hilti (Aust) Pty Ltd (ABN: 44 007 602 100) of 23 Egerton St Silverwater NSW 2128 has submitted a standard notification statement in support of their application for an assessment certificate for Polymer in Component B of HIT-RE 500. The notified polymer is intended to be used as an epoxy hardener in adhesive mortar. 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

Based on the limited toxicological data provided for the notified polymer, the notified polymer is not classified as hazardous in accordance with the NOHSC Approved Criteria for Classifying Hazardous Substances. (NOHSC 2004), however, the notified polymer may have corrosive or irritating effects and sensitising properties that have not been investigated.

Based on the presence of residual polymer constituents and the cut-off concentrations for classification (NOHSC 2004), the classification and labelling details for the notified polymer at the level of purity introduced are:

- R20 Harmful by inhalation
- R22 Harmful if swallowed
- R34 Causes burns
- 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 due to the potential corrosive and sensitising effects of the polymer. The possibility of adverse effects concern would be minimised by the use of PPE.

Public Health

There is Negligible Concern to public health when used as a component in industrial adhesives.

Environmental Effects

On the basis of the PEC/PNEC ratio:

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

RECOMMENDATIONS

Regulatory Controls
Hazard Classification and Labelling

- The notifier should give the following health, hazard classification for the notified polymer (at the purity introduced):
  - R20 Harmful by inhalation
  - R22 Harmful if swallowed
  - R34 Causes burns
  - R43 May cause sensitisation by skin contact

- Use the following risk phrases for products/mixtures containing the notified polymer (at the purity introduced):
  - Conc > 25%: R20, R22, R34, R43
  - 10% $\leq$ Conc <25%: R34, R43
  - 5% $\leq$ Conc <10%: R36/37/38, R43
  - 1% $\leq$ Conc <5%: R43

- The following safety phrases should appear on the MSDS and label for the notified polymer as introduced:
  - S24: Avoid contact with skin
  - S25: Avoid contact with eyes
  - S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advise
  - S36/37/39 Wear suitable protective clothing/gloves and eye/face protection.

Control Measures
Occupational Health and Safety

- Employers should implement the following safe work practices to minimise occupational exposure to the notified polymer as introduced:
  - Apply in well ventilated areas
  - Clean up spills and excess adhesive promptly
  - Avoid skin contact with soiled clothing or

- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer in the product Component B of HIT-RE 500:
  - Gloves
  - Safety glasses
  - Coveralls
  - Respiratory protection were ventilation is insufficient

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 polymer should be disposed of by authorised landfill or incineration.

Emergency procedures

Spills and/or accidental release of the notified polymer should be handled by physical containment followed by collection with inert absorbent such as sand, vermiculite etc. with subsequent disposal. Prevent entry into waterways or soil.

Secondary Notification

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

Under Section 64(1) of the Act; if

- the notified polymer is introduced with a lower concentration of the residual monomer mXDA.

or

Under Section 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

10 PUBLICATION SUMMARY REPORT

Dynasylan 9116
Summary Report
Reference No: STD/1206

Plastral Pty Ltd. (ABN 68 000 144 132) of 11b Lachlan St Waterloo NSW 2017 has submitted a standard notification statement in support of their application for an assessment certificate for Dynasylan 9116. The notified chemical is intended to be used as an additive for polyethylene to make plastic articles. Up to 100 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

The notified chemical is of low acute toxicity via oral exposure (LD50 > 5002 mg/kg/bw).

A number of signs of severe dermal irritation were seen in two skin irritation studies, one using the notified chemical and following OECD TG and one using an analogue chemical and not conducted with OECD TG. The signs of irritation persisted in all animals for more than 24 hours. Based on this evidence, the notified chemical is classified in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances* (NOHSC 2004) as:

- R38 – irritating to skin

Eye irritation and skin sensitisation (Buehler Test) studies using the notified chemical and following OECD TG showed slight eye irritation and negative allergic reaction.

A 28-days repeated dose inhalation study was conducted using an analogue chemical resulted in chronic inflammatory changes to the lung, dose related changes in haematological indices and morphological changes to the bone marrow in treated rats. Changes in leucocyte counts were seen at the lowest dose tested (0.5 ppm) and no NOAEL can be determined for this study. It is not expected that the notified chemical will display effects more adverse than those observed with trimethoxysilane (analogue 1) in this repeat dose inhalation study. Further testing on the notified chemical would be required for a satisfactory assessment of effects from repeated exposure. Based on this study the notified chemical is likely to be irritating to respiratory system:

- R37 Irritating to respiratory system

There was no evidence of genotoxicity based on bacterial reverse mutation test (using an analogue chemical) and *in vitro* mammalian chromosome aberration test (using the notified chemical).

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:

- R37/38 – Irritating to respiratory system and skin

Occupational Health and Safety

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

Public Health

There is No Significant Concern to public health based on the reported use pattern.

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 hazard classification for the notified chemical:
  - R37/38 Irritating to respiratory system and skin

- The following risk phrases for products/mixtures containing the notified chemical apply:
  - ≥20% R37/38 Irritating to respiratory system and skin

- Products containing ≥20% notified chemical should carry the following warnings on the label:
  - S24 Avoid contact with skin
  - S25 Avoid contact with eyes
  - S36 Wear suitable protective clothing
  - S37 Wear suitable gloves

Control Measures
Occupational Health and Safety

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

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

Environment

Disposal

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

Emergency procedures

Spills or accidental release of the notified chemical should be handled by physical collection for reuse of the spilled material to the extent practicable or 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.

11 PUBLICATION SUMMARY REPORT

C-3529
Summary Report
Reference No: STD/1209

Rohm and Haas Australia Pty Ltd (ABN 29 004 513 188) of 4th Floor, 969 Burke Road, Camberwell VIC 3124 and Plastral Pty Ltd (ABN 68 00 144 132) of 11B Lachlan Street, Waterloo NSW 2017 have submitted a standard notification statement in support of their application for an assessment certificate for C-3529. The notified chemical is intended to be used as a stabiliser in PVC (polyvinyl chloride) products for the construction industry, including pipe, fittings, siding, window profiles and other articles manufactured by extrusion or injection moulding of PVC. Up to 30 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 likely to be classified as hazardous under the NOHSC *Approved Criteria for Classifying Hazardous Substances*. The classification and labelling details are:

- Xn: Harmful
- R20: Harmful by inhalation

Occupational Health and Safety

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

Public Health

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

Environmental Effects

On 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:
  - Xn: Harmful
  - R20: Harmful by inhalation

- The following safety phases for the notified chemical are recommended:
  - S45: In case of accident or if you feel unwell seek medical advice immediately (show the label where possible)
  - S51: Use only in well-ventilated areas

- Use the following risk phrases for products/mixtures containing the notified chemical:
  - At a concentration of the notified chemical greater than 25%, risk phrase R20.

Control Measures
Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to the notified chemical:
  - Local exhaust ventilation

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical:
  - Spillage should be avoided; spills should be should be cleaned up promptly with absorbents which should be put into containers for disposal

- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical:
  - Goggles, respirator, nitrile gloves and overalls

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

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

- If products and mixtures containing the notified 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 authorised landfill or incineration.

Emergency procedures

Spills or accidental release of the notified chemical should be handled by physical containment. Soak up using inert absorbent material (e.g. sand, acid binder, universal binder, saw dust etc) and transfer to 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.

12 PUBLICATION SUMMARY REPORT

IRR 260
Summary Report
Reference No: LTD/1143

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 IRR 260. The notified polymer is intended to be used as a UV/EB (Ultraviolet/Electron Beam) curable resin for coatings and printing inks and varnishes. 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

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

Occupational Health and Safety

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

Public Health

There is 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 in formulated coating products:
  - Spray application should be conducted in a down draft spray booth.

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified polymer as introduced, and as diluted for use in blended products:
  - Avoid skin and eye contact
  - Avoid breathing aerosol
  - Spray application of coatings containing the notified polymer should be accordance with the NOHSC *National Guidance Material for Spray Painting*.

- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer as introduced, and as diluted for use in blended products:
  - Chemical resistant gloves
  - Protective clothing
  - Safety goggles
  - Suitable respirators during spray application

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

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

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

Environment

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

Disposal

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

Emergency procedures

- Spills/release of the notified polymer should be contained by soaking up with inert absorbent material and disposed of as special waste in compliance with local and State regulations as recommended in the MSDS.

- Prevent product from entering drains.

Secondary Notification

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

Under Section 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

No additional secondary notification conditions are stipulated.

13 PUBLICATION SUMMARY REPORT

Polymer in Multiguard Hardener
Summary Report
Reference No: LTD/1195

Wattyl Australia Pty Ltd (ABN 40 000 035 914) of 2-44 Graingers Road, West Footscray Victoria 3012 has submitted a limited notification statement in support of their application for an assessment certificate for Polymer in Multiguard Hardener. The notified polymer is intended to be used as a hardener in two-part epoxy coating systems for marine applications. The notified polymer will be manufactured in solution, transported to end-use sites and mixed with another paint component before being applied to boat hulls. Up to 3 tonnes of the notified polymer will be manufactured 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 on the notified polymer itself, it cannot be classified under the NOHSC *Approved Criteria for Classifying Hazardous Substances*.

Based on the characteristics of chemicals with similar functional groups, the notified polymer is expected to be irritating to skin, eyes and the respiratory tract and to have sensitising properties.

Occupational Health and Safety

There is Moderate Concern to occupational health and safety under the conditions of the occupational settings described, due to the risk of sensitisation and irritation. This risk will be reduced by the implementation of appropriate controls at the coating application sites.

Public Health

There is Negligible Concern to public health when used as a component of a coating for boat hulls.

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

- Based on the characteristics of similar substances, the notifier should apply the following health hazard classification for the notified polymer:
  - Xi: R36/37/38 Irritating to eyes, respiratory system and skin.
  - Xi: R43 May cause sensitisation by skin contact

- Use the following risk phrases for products/mixtures containing the notified chemical:
  - Conc ≥ 20%: R36/37/38, R43
  - 1% ≥ conc < 20% R43

Health Surveillance

- As the notified chemical is expected to be a 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 dermatitis or respiratory allergy.
- Sensitised workers should be advised not to handle the notified polymer further.

Control Measures
Occupational Health and Safety

- Employers should implement the following isolation and engineering controls to minimise occupational exposure to the notified chemical during manufacture, packing and end-use:
  - Isolation of spray working areas where possible;
  - Handling to be carried out under mechanical ventilation where possible.

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified polymer during manufacture, packing, cleaning and end-use:
  - Avoid skin and eye contact;
  - Avoid breathing spray;
  - Avoid spills and splashes, and clean up any spilt material promptly;
  - Collect and dispose of over-spray waste without exposing workers to dust;
  - Avoid skin contact with uncured coating when removing personal protective equipment; and
  - Application of the coating should be according to the NOHSC National Guidance for Spray Painting (1999).

- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical during manufacture, packing, cleaning and end-use:
  - Protective clothing and equipment to prevent dermal exposure during all processes;
  - Appropriate respiratory protection where there is potential exposure to spray or dust during end-use (for vapour or for dust). This should meet the requirements set out under the NOHSC National Guidance for Spray Painting (1999) for epoxy resins.
  - Eye protection.

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

- The MSDS should be revised according to the NOHSC *National Code of Practice for the Preparation of Material Safety Data Sheets* (NOHSC, 2003) to reflect the recommended health hazard classification.

- 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 polymer should be disposed of by incineration or to landfill in accordance with State/Territory waste disposal regulations.

Emergency procedures

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

Secondary Notification

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

Under Section 64(1) of the Act; if
- the notified polymer is made available to the public.

or

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

The Director will then decide whether secondary notification is required.

14 PUBLICATION SUMMARY REPORT

Polymer in Structure Plus
Summary Report
Reference No: LTD/1210

National Starch & Chemical Pty Ltd (ABN: 37 000 351 806) of 7 Stanton Road Seven Hills NSW 2147 has submitted a limited notification statement in support of their application for an assessment certificate for Polymer in Structure Plus. The notified polymer is intended to be used as a rheology modifier in personal care products. Two tonnes of the notified polymer will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

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

Occupational Health and Safety

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

Public Health

There is No Significant Concern to public health when used as a component of personal care products at ≤ 2%.

Environmental Effects

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

RECOMMENDATIONS

Control Measures
Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to the notified polymer:
  - Enclosed and automated systems, and general and local ventilation during the formulation of shower gel products (sampling, dispensing and compounding operations).
  - Fume hoods during quality control testing.
  - Enclosed mixing vessels and automated filling machines fitted with local exhaust ventilation during formulation of hair care products.

- Employers should implement the following safe work practices to minimise occupational exposure during formulation of the notified polymer:
  - Prevent splashes, spills and overfilling of containers.

- Prevent aerosol formation.
- Avoid contact with eyes and skin.

- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer:
  - Long sleeved overalls, safety glasses, safety boots, impervious gloves, head coverings, and facemasks during formulation of personal care products.
  - Laboratory coats, enclosed footwear, safety glasses, and gloves during quality control procedures.

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

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

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

Environment

Disposal

- The notified polymer should be disposed of by landfill.

Emergency procedures

Collect with absorbent material such as sand, earth or appropriate commercial absorbent. Shovel up and place into suitable containers.

Secondary Notification

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

Under Section 64(1) of the Act; if
- the notified polymer is used in personal care products at > 2%.

or

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

The Director will then decide whether secondary notification is required.

15 PUBLICATION SUMMARY REPORT

Fyrol PNX
Summary Report
Reference No: LTD/1245

Swift and Company Ltd (ABN 44000005578) of Level 1 372 Wellington Rd Mulgrave VIC 3170 has submitted a limited notification statement in support of their application for an assessment certificate for Fyrol PNX. The notified polymer is intended to be used as an additive in rubber production. The notified polymer will be drummed from imported IBCs and shipped to customers who manufacture polyurethane rubber product by industry standard procedures. Less than 10 tonnes of the notified polymer will be imported for the first year rising to less than 500 tonnes per annum by the fifth year.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

Based on the available data on a low molecular weight form of the notified polymer it is not classified as hazardous under the NOHSC *Approved Criteria for Classifying Hazardous Substances*. However, the polymer contains high levels of low molecular weight species which may display adverse health effects.

Occupational Health and Safety

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

Public Health

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

Environmental Effects

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

RECOMMENDATIONS

Control Measures
Occupational Health and Safety

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

Environment

Disposal

- The notified chemical should be disposed to approved landfill and in accord with regulations.

Emergency procedures

- Minor spills normally do not need any clean up measurements. Major spills, prevent spills from entering the water courses. Avoid using any sawdust or combustible material. After spills, wash area preventing runoff from entering drains. Is a significant quantity enters drain, advise emergency services

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.

16 PUBLICATION SUMMARY REPORT

Polymer in EFKA-4340
Summary Report
Reference No: LTD/1260

Ciba Specialty Chemicals Pty Ltd (ABN 97 005 061 469) of 235 Settlement Road, Thomastown VIC 3074 has submitted a limited notification statement in support of their application for an assessment certificate for Polymer in EFKA-4340. The notified polymer is intended to be used as additive in solvent based automotive coatings. Up to 5 tonnes of the notified polymer will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

Based on the available data the notified chemical cannot be 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 Negligible Concern to public health when used as an ingredient of automotive paints.

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

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified polymer;
  - Avoid splashing, spills and generation of aerosols during formulation and filling processes;
  - Spray application of paint containing the notified polymer should be in accordance with the NOHSC *National Guidance Material for Spray Painting* (NOHSC, 1999)

- Workers using spray products containing the notified polymer should be instructed in their proper handling and use, including information about the additional risks posed by spray application.

- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer:
  - Protective gloves
  - Safety glasses or goggles
  - Industrial clothing
  - Respiratory protection during spray painting, or if aerosols are formed
  - Full body protection during spray painting

- 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.

- MSDS
  The MSDS for EFKA-4340 containing the notified polymer should be altered to include information on possible health effects from a residual monomer that is a skin sensitiser. It is recommended that the Acute Health Effects –Skin section of the MSDS include the statement "May cause sensitisation by skin contact as low levels of a sensitising chemical are present".

Environment

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

Disposal

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

Emergency procedures

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

Secondary Notification

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

Under Section 64(1) of the Act; if

- Due to the potential cationic nature of the notified polymer, if there are any changes to the use pattern whereby significantly increasing the potential of aquatic exposure. If this occurs, full ecotoxicity studies for fish, daphnia and algae may need to be submitted to NICNAS for assessment.

or

Under Section 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

17 PUBLICATION SUMMARY REPORT

Control Agent 3358
Summary Report
Reference No: LTD/1263

Orica Limited (ABN 24 004 145 868) of 1970 Princes Highway, Clayton VIC 3168 has submitted a limited notification statement in support of their application for an assessment certificate for Control Agent 3358. The notified chemical is intended to be used as a chain transfer agent during the polymerisation of styrene/acrylic monomers. The resulting polymer will be used as an additive in the manufacture of waterborne latex. Up to 10 tonnes of the notified chemical will be manufactured per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

No toxicity data were submitted, however, the applicant has classified the notified chemical as a hazardous substance.

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

Control Measures
Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to the notified chemical:
  - Local exhaust ventilation during all operations involving the notified chemical.

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical:
  - Avoid generating and breathing dust.
  - Avoid skin and eye contact.
  - Restricted access to the work area.

- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical:

- Elbow-length impervious gloves
- Protective clothing such as overalls
- Full face shield and respirator

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 the notifier to minimise environmental exposure during manufacture and use of the notified chemical:
  - All process and storage areas should be bunded with any drains present going to the on-site treatment system.

Disposal

- The notified chemical should be disposed of by licensed waste contractors.

Storage

- The following precautions should be taken regarding storage of the notified chemical:
  - Store away from sources of heat or ignition.
  - Store away from amines, bases and oxidising agents.

Emergency procedures

- Spills or accidental release of the notified chemical should be handled by containment, collection by an appropriate absorbent material, then placed in labelled containers ready for disposal via a licensed waste contractor.

Secondary Notification

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

Under Section 64(1) of the Act; if
- the importation volume exceeds ten tonnes per annum notified chemical
- the notified chemical will not be site-limited

or

Under Section 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

No additional secondary notification conditions are stipulated.

18 PUBLICATION SUMMARY REPORT

Polycarboxylic acid in Palane 810W
Summary Report
Reference No: LTD/1264

Henkel Australia Pty Ltd (ABN 82 001 302 996) of 135-141 Canterbury Road, Kilsyth, VIC, 3137 has submitted a limited notification statement in support of their application for an assessment certificate for Polycarboxylic acid in Palene 810W. The notified chemical is intended to be used as a corrosion inhibitor for use in the immersion coating industry. Initially only immersion coating application will take place in Australia. Reformulation of the final product may occur in the future in Victoria. Up to one tonne of the notified chemical will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

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

- R22 Harmful if swallowed
- R41 Risk of serious damage to eyes

Due to differences from standard protocols (24 hour exposure time, use of abraded test sites) it is not possible to classify the skin irritation effects using the NOHSC *Approved Criteria for Classifying Hazardous Substances*. Based on the effects observed in the acute dermal toxicity study a precautionary risk phrase of 'R38 Irritating to skin' may be appropriate. The notified chemical is introduced at $\leq$ 10%, which is below the cut-off concentration for application of this risk phrase to mixtures.

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 under the conditions of the environmental, workplace and occupational settings described.

Environmental Effects

The chemical does not pose a risk to the environment based on the notified 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
  - R41Risk of serious damage to eyes

- Use the following risk phrases for products/mixtures containing the notified chemical:
  ≥25%: R22; R38*;R41
  20% ≤ Conc < 25%: R38*; R41
  10% ≤ Conc < 20%: R41
  5% ≤ Conc < 10%: R36

* precautionary

Control Measures
Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to the notified chemical as introduced and as diluted for use:
  - Use of automated processes where practicable

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical as introduced and as diluted for use:
  - Avoid skin and eye contact

- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical as introduced and as diluted for use.

  - Coveralls; and
  - eye protection; and
  - 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. Particular note should be taken of the hazards of the chemical solution

Palene 810W to be imported and the corrosion inhibitor product produced by dilution of this solution.

Disposal

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

Emergency procedures

- Spills or accidental release of the notified chemical should be handled by sweep up and collect for disposal.

Secondary Notification

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

Under Section 64(1) of the Act; if

- the importation volume exceeds one tonne per annum notified chemical; or
- the notified chemical is introduced at a concentration > 10%

or

Under Section 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

19 PUBLICATION SUMMARY REPORT

Polymer in Watersol NP-5000
Summary Report
Reference No: PLC/520

Akzo Nobel Pty Limited (ABN 59 000 119 424) of 51 Mclntyre Road Sunshine, VIC 3020 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in WATERSOL NP-5000. The notified polymer is intended to be used as a component of automotive coatings. Less than 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

- Employer should implement the following workplace controls to minimise occupational exposure during handling of the product containing the notified polymer:

Engineering controls

- Closed tanks and lines for formulation and filling of paint containing the notified polymer;
- Use of engineering controls in spray painting to minimise exposure of workers

Safe work practices

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the imported notified polymer and the paint;
- Avoid splashing, spills and generation of aerosols during formulation and filling processes;

- Spray application of paint containing the notified polymer should be in accordance with the NOHSC National Guidance Material for Spray Painting;
- Workers using spray products containing the notified polymer should be instructed in their proper handling and use, including information about the additional risks posed by spray application.

PPE
Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the imported notified polymer and paint;

- Protective gloves
- Safety glasses or goggles
- Industrial clothing
- Respiratory protection during spray painting, or if aerosols are formed
- Full body protection during spray painting

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

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

- Australian contact details should be included on the product Label.

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

Environment

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

- The following control measures should be implemented by end user (automobile makers) to minimise environmental exposure during formulation of the notified polymer:
  - Exhaust ventilation with filter

Disposal

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

- Empty containers should be sent to local recycling or waste disposal facilities.

Emergency procedures

Spills or accidental release of the notified polymer should be handled by absorbing with inert material (e.g., dry sand or soil), and place it in a chemical waste container. Contaminated containers can be re-used after cleaning.

Secondary Notification

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

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

20 PUBLICATION SUMMARY REPORT

RC-9528
Summary Report
Reference No: PLC/610

DuPont (Australia) Ltd (ABN: 59 000 716 469) of 168 Walker Street, North Sydney NSW 2060 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for RC-9528. The notified polymer is intended to be used by professional applicators and is applied to carpet and upholstery after steam, vacuum or chemical cleaning. Less than one tonne of the notified polymer will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

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

Occupational Health and Safety

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

Public Health

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

Environmental Effects

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

RECOMMENDATIONS
Control Measures
Occupational Health and Safety

- The following personal protective equipment is recommended in accordance with good occupational health and safety practice
  - Chemical goggles, coverall, safety boot and chemical gloves.
  - If inhalation exposure occurs, use appropriate respiratory protection.

- 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 conducted by users to minimise environmental release during use of the coating containing the notified polymer:
  - Avoidance of the notified polymer entering the waterway during transport or accidental spill.
  - Containment of the notified polymer through bunding during coating application

Disposal

- The notified polymer should be disposed of by landfill or be incinerated.
- Any cleaning effluent should be disposed of via a licensed liquid waste contractor.

Emergency procedures

- Contain the spill and place inert, non-combustible absorbent (such as diatomaceous earth), onto material. Collect material and place into a suitable labelled container for subsequent disposal. Do not allow spill to enter drains, sewers or watercourses-inform local authorities if this occurs.

Secondary Notification

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

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

21 PUBLICATION SUMMARY REPORT

Dynacoll 7250
Summary Report
Reference No: PLC/623

Degussa Australia Pty Ltd (ACN 079 823 313) of 30 Commercial Drive Dandenong VIC 3175 and Henkel Australia Pty Ltd (ABN 82 001 302 996) of 135 Canterbury Road Kilsyth VIC 3137 have submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Dynacoll 7250. The notified polymer is used in the manufacture of hot melt adhesives. At the formulation site, the notified polymer will be blended with other ingredients to form part of a hot melt adhesive. The adhesive may be used in the industrial manufacture of adhesive tape products. The tapes will be coated with a very thin film of molten adhesive in a continuous, automated process under exhaust ventilation. Such tapes will be used by the public and in the production of a variety of plastic, glass and cardboard products (eg for household tapes or diapers). Less than 5 tonnes of the notified polymer will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

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

Occupational Health and Safety

There is No 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 landfill.

Emergency procedures

- Accidental spills/release of the notified polymer should be handled by physical containment and collection followed by authorised landfill.

Secondary Notification

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

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

22 PUBLICATION SUMMARY REPORT

Polymer in Y-14849
Summary Report
Reference No: PLC/624

GE Silicones Australia Pty Ltd (ABN: 47 105 651 63) has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in Y-14849. The notified polymer is intended to be used as a component of skin care and cosmetic formulations. The notified polymer will be imported in a range of cosmetic formulations for use by consumers. Less than 3 tonnes of the notified polymer will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

The notified polymer meets the PLC criteria and can be considered to be of low hazard. From toxicological data submitted the notified polymer was of low acute oral toxicity in rats, was not a skin irritant and was a slight eye irritant in rabbits, was not skin sensitiser in a LLNA test in mice and was not mutagenic in bacteria.

Occupational Health and Safety

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

Public Health

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

Environmental Effects

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

RECOMMENDATIONS

Control Measures
Occupational Health and Safety

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

Environment

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 physical containment with subsequent wiping, scraping or adsorption to inert material (diatomaceous earth, vermiculite, sand etc). Place in proper container for disposal.

Secondary Notification

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

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

23 PUBLICATION SUMMARY REPORT

Z-69/Ultrabee 25
Summary Report
Reference No: PLC/630

Lubrizol International, Inc (ABN 52 073 495 603) of 28 River St., Silverwater NSW 2118, has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Z-69/Ultrabee 25. The notified polymer is intended to be used as an emollient in personal care products such as skin lotions, lip balms, cosmetic sunscreens or deodorants, typically at 0.5 to 25%. 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 health hazard.
No ecotoxicological data were submitted. Non-ionic polymers with NAMW >1,000 are generally of low concern to the aquatic environment.

Occupational Health and Safety

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

Public Health

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

Environmental Effects

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

RECOMMENDATIONS

Control Measures
Occupational Health and Safety

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

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

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

- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the NOHSC *Approved Criteria for Classifying Hazardous*

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

Disposal

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

Emergency procedures

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

Secondary Notification

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

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

24 PUBLICATION SUMMARY REPORT

Polymer in Setal 1616-SS-75
Summary Report
Reference No: PLC/632

Akzo Nobel Car Refinishes Pty Ltd (ABN 26 087 571 882) of 269 Williamstown Road, Port Melbourne, VIC 3207 and Nuplex Industries (Aust.) Pty Ltd (ABN 25 000 045 572) of 49-61 Botany Road, Botany, NSW 2019 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in Setal 1616 SS-75. The notified polymer is intended to be used as a component of paint used in the automotive industry. Up to 50 tonnes of the notified polymer will be imported per annum for each of the first five years. Up to 250 tonnes of the notified polymer may be manufactured per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

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

Occupational Health and Safety

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

Public Health

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

Environmental Effects

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

RECOMMENDATIONS

Control Measures
Occupational Health and Safety

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

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

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

- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the NOHSC *Approved Criteria for Classifying Hazardous*

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

Disposal

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

Emergency procedures

- Spills/accidental release of the notified polymer should be handled by physical containment with subsequent collection with inert adsorbent material (sand, dirt, diatomaceous earth, vermiculite etc) for safe disposal. Do not allow to enter drains or 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:

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

25 PUBLICATION SUMMARY REPORT

Polymer in Setal 162 SS-84
Summary Report
Reference No: PLC/633

Akzo Nobel Car Refinishes Pty Ltd (ABN 26 087 571 882) of 269 Williamstown Road, Port Melbourne, VIC 3207 and Nuplex Industries (Aust.) Pty Ltd (ABN 25 000 045 572) of 49-61 Botany Road, Botany, NSW 2019 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in Setal 162 SS-84. The notified polymer is intended to be used as a component of paint used in the automotive industry. Up to 50 tonnes of the notified polymer will be imported per annum for each of the first five years. Up to 250 tonnes of the notified polymer may be manufactured per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

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

Occupational Health and Safety

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

Public Health

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

Environmental Effects

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

RECOMMENDATIONS

Control Measures
Occupational Health and Safety

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

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

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

- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the NOHSC *Approved Criteria for Classifying Hazardous*

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

Disposal

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

Emergency procedures

- Spills/accidental release of the notified polymer should be handled by physical containment with subsequent collection with inert adsorbent material (sand, dirt, diatomaceous earth, vermiculite etc) for safe disposal. Do not allow to enter drains or 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:

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

26 PUBLICATION SUMMARY REPORT

Sovermol 1007
Summary Report
Reference No: PLC/636

Cognis Australia Pty Ltd (ABN: 87 006 374 456) of 4 Saligna Drive, Tullamarine VIC 3043 AND Keppel Prince Engineering Pty Ltd (ABN: 62 004 727 619) of Darts Road, Portland VIC 3305 have submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Sovermol 1007 (notified polymer in Alexit-Beschichtung 498-91 at 27-32%). The notified polymer is intended to be used as an ingredient in surface coatings. 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 is assessed as a PLC 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

- There are no specific controls on the notified polymer itself to prevent environmental exposure. However, any spills during coating formulation and application must be contained within bunding, and entry into the waterways should be avoided.

Disposal

- The notified polymer resulting from overspray during coating application should be disposed of by landfill or be incinerated, if possible;
- Any cleaning effluent should be disposed of via a licensed liquid waste contractor.

Emergency procedures

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

Secondary Notification

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

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

27 PUBLICATION SUMMARY REPORT

Potato Starch Modified
Summary Report
Reference No: PLC/639

National Starch & Chemical Pty Ltd (ABN 37 000 351 806) of 7 Stanton Road Seven Hills NSW 2147 and Unilever Australia Ltd (ABN 66 004 050 828) of 219 North Rocks Road North Rocks NSW 2151 have submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Potato Starch Modified. The notified polymer is intended to be used as viscosity increasing and emulsion stabilising agent in cosmetic products. Up to 1.5 tonnes of the notified polymer will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

The notified polymer meets the PLC criteria and can therefore be considered to be of low hazard. This is supported by toxicological endpoints observed in testing conducted on the notified polymer. The notified polymer was found to be of low toxicity via the oral and dermal routes and slightly irritating to the skin and eye. It was found to be non-genotoxic and a non-sensitiser.

Occupational Health and Safety

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

Public Health

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

Environmental Effects

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

RECOMMENDATIONS

Control Measures
Occupational Health and Safety

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

- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer as introduced:
  - Safety goggles
  - 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 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 cosmetic manufacturers and warehouse sites to minimise environmental exposure during personal care product formulation and storage of the notified polymer:
  - All process equipment and storage areas should be bunded.

Disposal

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

Emergency procedures

- Spills/release of the notified polymer should be contained by soaking up with inert absorbent material and dispose of as special waste in compliance with local and State regulations as recommended in the MSDS.

Secondary Notification

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

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

28 PUBLICATION SUMMARY REPORT

Polymer in Disparlon NSH 8430HF
Summary Report
Reference No: PLC/640

PPG Industries Pty Ltd (ABN: 82 055-500-939) of McNaughton Road, Clayton VIC 3168 and Chemiplas Australia Pty Ltd (ABN: 29 003 056 808) of 3/112 Wellington Parade, East Melbourne VIC 8002 have submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in Disparlon NSH-8430HF. The notified polymer is intended to be used as a component of automotive coating. 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.

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

- Employer should implement the following workplace controls to minimise occupational exposure during handling of the product containing the notified polymer:

Engineering controls

- Closed tanks and lines for formulation and filling of paint containing the notified polymer;
- Use of engineering controls in spray painting to minimise exposure of workers.

Safe work practices

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the imported notified polymer and the paint;

- Avoid splashing, spills and generation of aerosols during formulation and filling processes;
- Spray application of paint containing the notified polymer should be in accordance with the NOHSC National Guidance Material for Spray Painting;
- Workers using spray products containing the notified polymer should be instructed in their proper handling and use, including information about the additional risks posed by spray application.

PPE
Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the imported notified polymer and paint;

- Protective gloves
- Safety glasses or goggles
- Industrial clothing
- Respiratory protection during spray painting, or if aerosols are formed
- Full body protection during spray painting

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

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

- An MSDS prepared in accordance with NOHSC format need to be provided to NICNAS.

- Australian contact details should be included on the product Label.

- 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

- There are no specific controls to prevent environmental exposure to the notified polymer itself. Any spills during paint formulation/application must be contained within bunding and entering the waterways should be avoided.

Disposal

- The notified polymer resulting from overspray coating application should be disposed of by landfill or be incinerated in the case of the waste wash from cleaning of the application/manufacture equipments.

Emergency procedures

- In case of spills or accidental release of the notified polymer, contain the spill and place inert, non-combustible absorbent such as vermiculite, sand or dirt onto material. Collect material and place into a suitable labelled container for 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:

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

29 PUBLICATION SUMMARY REPORT

Polymer #58
Summary Report
Reference No: PLC/645

Hewlett Packard Australia Pty Ltd (ABN: 74 004 394 763) of 3 Richardson Place North Ryde NSW 2113 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer #58. The notified polymer is intended to be used as component of printing inks. Less than 250 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

The notifier provided a genotoxicity study which is conducted under non-GLP. The test was performed with 5 strains of bacteria (TA 98, 100, 1535, 1537 and FC WP2uvrA) at doses up to 5000 μg per plate. Negative results were showed with and without metabolic activation the highest dose.

The MSDS for the notified chemical indicates it is not irritant to the skin and eyes and no known sensitisation effects. No other toxicity data are provided.

The notified polymer contains four hazardous residual monomers to which dermal and inhalation exposure could occur. However, the concentrations of the hazardous residual monomers in the inks are < 0.1%.

Occupational Health and Safety

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

Public Health

There is 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.

- A revised product MSDS with the following amendments need to be provided to NICNAS:
    i) Statement of Hazardous Nature i.e. "Hazardous/Non-hazardous According to NOHSC Approved Criteria".
    ii) Emergency Telephone Number in Australia.

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

Environment

Disposal

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

Emergency procedures

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

Secondary Notification

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

Under subsection 64(1) of the Act; if
- the notified polymer is introduced in a chemical form that does not meet the PLC criteria.

or

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

The Director will then decide whether secondary notification is required.

30 PUBLICATION SUMMARY REPORT

Polymer #2010L
Summary Report
Reference No: PLC/647

Hewlett Packard Australia Pty Ltd (ABN: 74 004 394 763) of 3 Richardson Place North Ryde NSW 2113 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer #2010L. The notified polymer is intended to be used as component of printing inks. Less than 250 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

The notifier provided a genotoxicity study which is conducted in accordance with the Standards for Mutagenicity Tests using Microorganisms and Guidelines for Toxicity Testings of New Chemical Substances in Japan. The test was performed with 5 strains of bacteria (TA 98, 100, 1535, 1537 and FC WP2uvrA) at doses up to 5000 µg per plate. Negative results were showed with and with metabolic activation with the highest dose.

The MSDS for the notified chemical indicates it is not irritant to the skin and eyes and no known sensitisation effects.

The notified polymer contains five hazardous residual monomers to which dermal and inhalation exposure could occur. However, the concentrations of the hazardous residual monomers in the inks are < 0.1%.

Occupational Health and Safety

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

Public Health

There is 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.

- A revised product MSDS with the following amendments need to be provided to NICNAS:
    iii) Statement of Hazardous Nature i.e. "Hazardous/Non-hazardous According to NOHSC Approved Criteria".
    iv) Emergency Telephone Number in Australia.

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

Environment

Disposal

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

Emergency procedures

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

Secondary Notification

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

Under subsection 64(1) of the Act; if
- the notified polymer is introduced in a chemical form that does not meet the PLC criteria.

or

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

The Director will then decide whether secondary notification is required.

31 PUBLICATION SUMMARY REPORT

Polymer in Salt RW 1
Summary Report
Reference No: PLC/649

Hewlett Packard Australia Pty Ltd (ABN: 74 004 394 763) of 3 Richardson Place North Ryde NSW 2113 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in Salt RW 1. The notified polymer is intended to be used as a component of ink used in inkjet printers. Less than 1.5 tonnes of the notified polymer will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

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 contains three hazardous residual monomers to which dermal and inhalation exposure could occur. However, the concentrations of the hazardous residual monomers in the inks are less than cut-off levels.

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.

- A revised product MSDS with an Emergency Telephone Number in Australia need to be provided to NICNAS.

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

Environment

Disposal

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

Emergency procedures

- Spills/release of the notified chemical should be physically contained, the slowly vacuumed or swept into a bag or other sealable container. Dispose of in compliance with federal, state and local regulations.

Secondary Notification

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

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

32 PUBLICATION SUMMARY REPORT

Polymer in Setalux 6756 AQ-40
Summary Report
Reference No: PLC/657

Nuplex Industries (Aust) Pty Ltd (ABN 25 000 045 572) of 49-61 Stephen Road Botany NSW 2019 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in Setalux 6756 AQ-40. The notified polymer is intended to be used as a surface coating for timber substrates. Up to 1000 tonnes of the notified polymer will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

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

Occupational Health and Safety

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

Public Health

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

Environmental Effects

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

RECOMMENDATIONS

Control Measures
Occupational Health and Safety

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

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

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

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

Environment

- The following control measures should be implemented by the polymer manufacturer to minimise environmental exposure during manufacture of the notified polymer:
  - All process areas should be bunded with any drains present going to an onsite treatment plant or collection point.

Disposal

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

Emergency procedures

Spills and/or accidental release of the notified polymer should be handled by containment, collection with an inert absorbent material and then placed in a sealable, labelled container ready for disposal as per local/state regulations.

Secondary Notification

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

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

33 PUBLICATION SUMMARY REPORT

Polymer in Acudyne SCP
Summary Report
Reference No: SAPLC/47

Rohm and Haas Australia Pty. Ltd (ABN 29 004 513 188) of 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 Acudyne SCP. The notified polymer is intended to be used as a component of hair styling products for salon and home use. Up to 3 tonnes of the notified polymer will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

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

Endpoint	*Result*	*Classified?*	*Effects Observed?*	*Test Guideline*
1. Rat, acute oral	LD50 >5,000 mg/kg bw	no	no	OECD TG 425
2. Rat, acute dermal	LD50 >5,000 mg/kg bw	no	no	OECD TG 402
3. Rabbit, skin irritation	non-irritating	no	yes	OECD TG 404
4. Rabbit, eye irritation	non-irritating	no	yes	OECD TG 405
5. Skin sensitisation – Human Repeated Insult Patch Study	no evidence of sensitisation.	no	no	
6. Genotoxicity - bacterial reverse mutation	non mutagenic	no	no	OECD TG 471

All results were indicative of low hazard.

Skin Irritation
A primary skin irritation test was conducted with rabbits to determine the potential for the notified polymer to produce irritation after a single topical application. One hour after patch removal, all subjects exhibited very slight to well-defined erythema and very slight oedema. All animals were free of dermal irritation by 48 hours. The Primary Irritation Index (PII) according to Draize score was 1.2.

Eye Irritation
A primary eye irritation test was conducted with rabbits to determine the potential for the notified polymer to produce irritation after a single instillation via the ocular route.

No corneal opacity or iritis was noted for any treated eye during the study. Approximately one hour after instillation, conjunctivitis was observed in all treated eyes. All animals were free of ocular irritation by 48 hours.

Occupational Health and Safety

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

Public Health

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

Environmental Effects

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

RECOMMENDATIONS

Control Measures
Occupational Health and Safety

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

- Employers should ensure that the following personal protective equipment is used by plant operators and quality assurance staff to minimise occupational exposure to the polymer:
  - Coveralls;
  - Protective gloves;
  - Safety goggles; and
  - Safety boots.

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

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

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

Environment

- The following control measures should be implemented by the reformulator to minimise environmental exposure during reformulation of the notified polymer:
  - Bundin*g*

Disposal

- Spillages and container residues containing notified polymer should be disposed of to landfill and/or liquid waste treated on-site or collected by licensed waste contractors for treatment at authorised waste treatment plants.

Storage

- The following precautions should be taken by the importer and reformulators regarding storage of the notified polymer:
  - Bunding

Emergency procedures

- Spills/release of the notified polymer should not be flushed into sewers or waterways. Spills should be taken up with absorbent material and disposed of to a licensed waste landfill site.

Secondary Notification

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

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

34 ACCESS TO FULL PUBLIC REPORT

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

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

35 LOW VOLUME CATEGORY PERMITS

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

Table 1
Low Volume Category Permits

PERMIT NUMBER	COMPANY NAME	COMPANY POSTCODE	CHEMICAL OR TRADE NAME	HAZARDOUS SUBSTANCE	USE	DATE
721 (Renewal)	L'Oreal Australia Pty Ltd	3191	Imexine OBA	ND	Colouring agent in hair dye colourant	9/8/06
722 (Renewal)	L'Oreal Australia Pty Ltd	3191	Stearalkonium Bentonite	ND	Component in nail polish and nail enamel products	9/8/06
723 (Renewal)	L'Oreal Australia Pty Ltd	3191	Methylsilanol Mannurate	ND	Skin conditioning agent in a cosmetic product	9/8/06
724 (Renewal)	L'Oreal Australia Pty Ltd	3191	Imexine OAX	ND	Colouring agent in hair dye colourant	9/8/06

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

36 COMMERCIAL EVALUATION CATEGORY PERMIT

The permits listed in Table 2 were issued to import or manufacture the following chemicals for commercial evaluation under section 21G of the *Industrial Chemicals (Notification and Assessment) Act 1989.*

Table 2
Commercial Evaluation Category Permits

PERMIT NUMBER	COMPANY NAME	COMPANY POSTCODE	CHEMICAL OR TRADE NAME	HAZARDOUS SUBSTANCE	QUANTITY	USE	PERIOD APPROVED
665	Clariant (Australia) Pty Ltd	3148	YELLOW 6314-PPT	Yes	2000 kg	Dyestuff for dyeing textile fabrics	24 months
666	Clariant (Australia) Pty Ltd	3148	YELLOW 981-DP 90	ND	2000 kg	Dyestuff for dyeing textile fabrics	24 months
667	Clariant (Australia) PtyLtd	3148	RED 0106-PP1	ND	2000 kg	Dyestuff for dyeing textile fabrics	24 months
668	Clariant (Australia) Pty Ltd	3148	BLUE HO-1056-PP-R	ND	2000 kg	Dyestuff for dyeing textile fabrics	24 months
669	Clariant (Australia) Pty Ltd	3148	BLUE REG 6080	Yes	2000 kg	Dyestuff for dyeing textile fabrics	24 months

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

37 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
452	Lanier (Australia) Pty Ltd	Polymer in TAKELAC W-5661	Component in inkjet printing ink
453	Ricoh Australia Pty Ltd		
454	Chevron Phillips Chemicals Australia Pty Ltd	Dristemp Polymer	Drilling Mud additive
455	Bronson & Jacobs Pty Ltd	Polymer in Fixate G-100	Fixative in hair cosmetics
456	Lubrizol International Inc		

38 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
1,4-Benzenedicarboxylic acid, polymers with ethylene glycol and hydroxy-terminated polybutadiene	Unspecified	897928-95-9
1,3-Benzenedicarboxylic acid, polymers with ethylene glycol, hydroxy-terminated polybutadiene and terephthalic acid	Unspecified	897929-01-0
Poly(oxy-1,2-ethanediyl),.alpha.-(nonylphenyl)-.omega.-hydroxy-, polymer with 1,3-bis(isocyanatomethyl)benzene	$(C_{10}H_8N_2O_2.(C_2H_4O)_n\ C_{15}H_{24}O)_x$	897929-13-4
Bentonite, lanthanian	Unspecified	302346-65-2
Siloxanes and Silicones, di-Me, Me 3-[(2,2,6,6-tetramethyl-4-piperidinyl)oxy]propyl	Unspecified	171543-65-0
Diethyl 2,4-dihydroxycyclodisiloxane-2,4-diylbis(trimethylene)diphosphonate tetrasodium salt, reaction products with disodium metasilicate	Unspecified	148324-78-1
Fatty acids, tall-oil, 2-mercaptoethyl ester, reaction products with dichlorodimethylstannane, sodium sulfide and trichloromethystannane	Unspecified	201687-57-2
2-Propenoic acid, 2-methyl-, polymer with ethenylbenzene, 2-ethylhexyl 2-methyl-2-propenoate, ethyl 2-methyl-2-propenoate, 2-hydroxyethyl 2-methyl-2-propenoate and methyl 2-methyl-2-propenoate, 2,2'-azobis[2-methylpropanenitrile]-initiated	Unspecified	215191-81-4
1,6-Hexanediamine, N,N'-bis(2,2,6,6-tetramethyl-4-piperidinyl)-, polymer with 2,4,6-trichloro-1,3,5-triazine, reaction products with 3-bromo-1-propene, N-butyl-1-butanamine and N-butyl-2,2,6,6-tetramethyl-4-piperidinamine, oxidized, hydrogenated	Unspecified	247243-62-5
L-Aspartic acid, N-(3-carboxy-1-oxopropyl)-N-[3-(decyloxy)propyl]-, 1,4-bis(2-methylpropyl) ester	$C_{29}H_{53}NO_8$	885517-18-0

L-Aspartic acid, N-(3-carboxy-1-oxopropyl)-N-[3-(octyloxy)propyl]-, 1,4-bis(2-methylpropyl) ester	$C_{27}H_{49}NO_8$	885517-58-8
1,4-Benzenedicarboxylic acid, dimethyl ester, polymer with 1,3-propanediol	$(C_{10}H_{10}O_4.C_3H_8O_2)_x$	36619-23-5
Calcium carbonate monopolybutenylbenzenesulfonate succinate complexes	Unspecified	252315-85-8
Dodecanoic acid, sulfophenyl ester, sodium salt	C18H28O5S.Na	88380-00-1

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

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

Table 5

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

CHEMICAL NAME	CAS NUMBER	MOLECULAR FORMULA
1,3-Benzenedicarboxylic acid, 5-sulfo-, monosodium salt, polymer with 1,3-benzenedicarboxylic acid, .alpha.-hydro-.omega.-hydroxypoly(oxy-1,2-ethanediyl) and 2,2'-oxybis[ethanol]	890305-67-6	$(C_8H_6O_7S.C_8H_6O_4.C_4H_{10}O_3.(C_2H_4O)_n H_2O.Na)_x$
1-Butanone, 2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(4-morpholinyl)phenyl]-	119344-86-4	$C_{24}H_{32}N_2O_2$