



Australian Government

Gazette

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Australian Government

Department of Health and Ageing
NICNAS

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

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1 NICNAS INFORMATION SESSIONS - 2009

NICNAS will be running information sessions throughout the remainder of 2009 providing an opportunity for industry stakeholders to learn more about NICNAS and their obligations under the *Industrial Chemicals (Notification and Assessment) Act 1989*.

The Introduction to NICNAS information sessions will be held in Perth, Adelaide and Brisbane and are targeted at organisations who are new to NICNAS or people who are new to a role which requires them to understand NICNAS requirements

City	Session	Date	Time	Location
Perth	Introduction to NICNAS	18 November 2009	9:30 am – 11.30 am	Novotel Perth Langley 221 Adelaide Terrace PERTH WA 6000
Adelaide	Introduction to NICNAS	20 November 2009	9:30 am – 11.30 am	Freedom Adelaide Meridien Hotel 21-37 Melbourne Street NORTH ADELAIDE SA 5006
Brisbane	Introduction to NICNAS	10 December 2009	9:30 am – 11.30 am	Brisbane Riverview Hotel Cnr Kingsford Smith Drive & Hunt Street HAMILTON QLD 4007
	Introduction to NICNAS for cosmetic introducers	09 December 2009	1:30 pm – 3.30 pm	

To register your interest for any of these sessions please email industry.training@nicnas.gov.au.

2 DECISIONS REGARDING REQUESTS TO VARY THE DRAFT PRIORITY EXISTING CHEMICAL REPORT FOR SODIUM CYANIDE

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

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

Or request by writing to:

NICNAS
334-336 Illawarra Rd
Marrickville NSW 2204

GPO Box 58
Sydney NSW 2001

Or contact:

Dr Nobheetha Jayasekara
Phone: 02 8577 8844
Email: nobheetha.jayasekara@nicnas.gov.au

3 LRCC EVALUATION –RELEASE OF FINAL REPORT ON THE EVALUATION OF THE IMPACT ON INDUSTRY

The first phase of the LRCC evaluation project is now complete. In this first phase the impacts on industry have been evaluated by Campbell Research - an independent consultant commissioned by NICNAS. This involved 23 in-depth, one-on-one stakeholder consultations with peak bodies, industry leaders and a broad range of companies who interact with NICNAS about LRCCs. The findings of these consultations were explored through a series of case studies and were tested across industry using an online survey. Additionally, some limited consultation took place with community, OHS and environmental representatives

A draft report detailing the findings from this first phase was released for public comment in July 2009. The public comment period ran for 5 weeks, with six submissions being received.

The final report for the first phase, incorporating the feedback received, is now available online http://www.nicnas.gov.au/About_NICNAS/Reforms/LRCC_Evaluation.asp.

NICNAS thanks all those who provided input during this first phase. The level of participation was very good, with more than 800 industry stakeholders participating in the online survey, ensuring that the evaluation findings will be useful in considering future improvements to these LRCC initiatives.

The second phase of the evaluation is planned during 2009-10. This is intended to concentrate on the impact of the reforms on the community and other stakeholders, such as other government agencies. It will expand on preliminary comments from community representatives included in the first phase and provide a more comprehensive overall evaluation of the LRCC reforms.

For more information on this project please contact Dr Sarah Rumble on (02) 8577 8832 or by email at sarah.rumble@nicnas.gov.au.

4 HARD SURFACE DISINFECTANTS – REGULATORY IMPACT ANALYSIS

This Notice is directed to all persons who market hard surface disinfectant products in Australia and/or introduce chemicals used in disinfectants into Australia that are either registered or listed on the Australian Register of Therapeutic Goods (ARTG), or those disinfectant products that are exempt from entry onto the ARTG. It concerns proposed changes to the regulation of hard surface disinfectants and the regulatory impact of any change on all stakeholders.

Any change to regulatory arrangements for these products and reduction in regulatory burden must however be considered alongside the requirement to maintain or enhance health, safety and environmental protection from use of these products. A mechanism for ensuring human health and environmental protection will be developed as part of the implementation strategy.

Introduction

The National Industrial Chemicals Notification and Assessment Scheme (NICNAS) and the Therapeutic Goods Administration (TGA), is undertaking a review of the current regulatory framework for hospital, household and commercial-grade hard-surface disinfectant products. For the purposes of the review, these are defined as substances that are applied to an inanimate object or surface to kill a range of micro-organisms. The review does not include products to sterilise surgical instruments.

An independent consultant undertook an analysis of the current Australian and overseas systems for regulation of disinfectants. The consultant's report, published in February 2008 recommended four potential options for an alternate regulatory framework for disinfectants in Australia, with option 1 being preferred by the consultant. The report can be found on the NICNAS website at http://www.nicnas.gov.au/Current_Issues/Disinfectants.asp and the TGA website at <http://www.tga.gov.au/devices/disregfw.htm>.

A comprehensive Regulatory Impact Survey on the four options was circulated to industry on 10 November 2008. However, limited information was received about the likely impacts of the potential options.

NICNAS and the TGA have reviewed the public submissions and feedback obtained through stakeholder meetings held in Sydney and Melbourne in response to the consultant's report as well as the responses to the regulatory impact survey and information collected from publicly available sources.

Purpose of this consultation

The TGA and NICNAS will shortly publish a consultation Regulatory Impact Statement together with a survey seeking to obtain further data which will allow an analysis of the impact on stakeholders of proposed changes to the regulation of hard surface disinfectants on stakeholders.

At the time of the previous survey, some stakeholders commented that it was difficult to determine impacts on business of all the consultant's options and that it was preferable if the Government identified the preferred Government position. Based on feedback following the release of the consultant's report, a preferred TGA/NICNAS option for the regulation of household and commercial grade disinfectants (without specific claims) as well as sanitisers, sanitary fluids and antibacterial surface wipes has been identified.

Information on the impact on stakeholders of the options in the consultation Regulatory Impact Statement will inform the final decision on the appropriate regulatory arrangements for this group of disinfectant products.

Proposed consultations

Stakeholder consultation will take place from 6 November to 4 December 2009. NICNAS and the TGA are planning public meetings in the week commencing Monday 16 November 2009, in Sydney and Melbourne. Consultations by tele or video conference may be arranged with others unable to attend face to face sessions.

Submissions

Submissions are sought on the impact of the proposals presented in the consultation Regulatory Impact Statement and by completion of the survey. The survey can be submitted electronically from the NICNAS or TGA websites or requested from:

Stephen Zaluzny

02 8577 8883

stephen.zaluzny@nicnas.gov.au

Siepie Larkin

02 6232 8721

siepie.larkin@tga.gov.au

and returned by e-mail

Any submissions including the survey should be returned to NICNAS or TGA by 5:00 pm Friday 4 December 2009.

A list of names of parties making submissions will be published on the TGA and NICNAS websites.

All submissions will be placed on the TGA's and NICNAS'S websites. For submissions made by individuals, all personal details other than your name will be removed from your submission before it is published on the TGA's and NICNAS'S websites. Confidential material contained within submissions should be clearly marked. Reasons for a claim to confidentiality must be included in the submission coversheet. Where possible confidential material will be redacted from information published on the TGA's and NICNAS'S websites.

Participation in this consultation is entirely voluntary, and we thank you for your time and effort.

Further information

If you would like any further information please contact:

- NICNAS
Stephen Zaluzny
02 8577 8883
stephen.zaluzny@nicnas.gov.au
- TGA
Siepie Larkin
02 6232 8721
siepie.larkin@tga.gov.au

5 INDUSTRIAL NANOMATERIALS – CONSULTATION ON REGULATORY REFORM PROPOSAL

This Notice is directed to all persons who manufacture, import or market industrial nanomaterials in Australia and/or introduce products containing industrial nanomaterials into Australia. This Notice is also directed to all persons who may be thinking of introducing nanomaterials in the future. It concerns proposed changes to the regulation of industrial nanomaterials and the regulatory impact of any change on all stakeholders.

Introduction

The *Review of the Possible Impacts of Nanotechnology on Australia's Regulatory Frameworks* (Monash Report, September 2007) highlighted six areas to be addressed by Government to ensure that our regulatory frameworks can better manage the risks posed by nanotechnology.

NICNAS has reviewed its existing regulatory and administrative processes for industrial nanomaterials and developed a regulatory strategy. The draft strategy was developed in consultation with the NICNAS Nanotechnology Advisory Group (NAG) comprising of industry, community and academia, and brings together two parallel streams of NICNAS activities, regulatory and technical. The objective of the strategy is to ensure the safe and sustainable use of industrial nanomaterials through appropriate regulatory oversight, industry cooperation and community confidence.

Purpose of this consultation

NICNAS will publish a discussion paper in early November 2009, with a questionnaire and a business impact survey. Feedback is sought to facilitate a preliminary analysis of the impact, as well as the feasibility of proposed options, for the regulation of industrial nanomaterials.

The discussion paper provides options to the regulatory framework in Australia for industrial nanomaterials, the working definition for which is provided as:

*... industrial materials intentionally produced, manufactured or engineered to have specific properties or specific composition, and one or more dimensions typically between 1 and 100 nanometres*¹...*

Proposed consultations

Stakeholder consultation will take place from early November to 23 December 2009. NICNAS is planning public meetings in the week commencing Monday 16 November 2009, in Sydney and Melbourne. Consultations by tele or video conference may be arranged with others unable to attend face to face sessions.

Submissions

Submissions are sought on the impact of the proposals presented in the consultation document and by completion of the survey. The survey can be submitted electronically from the NICNAS website or requested from:

Nicola Hall
02 8577 8871
nicola.hall@nicnas.gov.au

¹ Measurement equal to one billionth of a metre

or returned by e-mail.

Close of public comment is 5:00 pm Wednesday 23 December 2009.

A list of names of parties making submissions will be published on the NICNAS websites.

All submissions will be placed on the NICNAS's website. For submissions made by individuals, all personal details other than your name will be removed from your submission before it is published on the NICNAS website. Confidential material contained within submissions should be clearly marked. Reasons for a claim to confidentiality must be included in the submission coversheet. Where possible confidential material will be redacted from information published on the NICNAS website.

Participation in this consultation is entirely voluntary, and we thank you for your time and effort.

Further information

If you would like any further information please contact:

- NICNAS
Nicola Hall
02 8577 8871
nicola.hall@nicnas.gov.au

6 PUBLICATION SUMMARY REPORT

Polyquaternium-86 Summary Report Reference No: LTD/1412

BASF Australia Ltd (ABN 62 008 437 867) of 500 Princes highway Noble Park VIC 3174 has submitted a limited notification statement in support of their application for an assessment certificate for Polyquaternium-86. The notified polymer is intended to be used as component in hairstyling products. Up to 20 tonnes of the notified polymer will be imported per annum for each of the first five years.

Hazard Classification

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

Human Health Risk Assessment

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

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

Environmental Risk Assessment

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

Recommendations

Control Measures

Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure during powder dispensing and reformulation:
 - Local exhaust ventilation where manual handling of the notified polymer in powder form is carried out.
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified polymer:
 - Avoid the generation of airborne dusts
 - For health concerns, the level of atmospheric dust should be maintained as low as possible. The Safe Work Australia exposure standard for atmospheric dust is 10 mg/m³ but a recommended exposure limit of 3 mg/m³ has been suggested by the American Conference of Governmental Industrial Hygienists (ACGIH) for “respirable (insoluble) particulates (not otherwise regulated)”.

- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer during powder dispensing:
 - Respiratory protection adequate for respirable particulates wherever airborne dusts are likely to be generated.

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

- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)] workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Disposal

- The notified polymer should be disposed of to landfill.

Storage

- The following precautions should be taken regarding storage of the notified polymer:
 - Keep storage containers tightly closed
 - Store in a cool dry location

Emergency procedures

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

Regulatory Obligations

Secondary Notification

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

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

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

- the polymer has a number-average molecular weight of less than 1000;
- the importation volume exceeds 20 tonnes per annum of notified polymer;

or

- (2) Under Section 64(2) of the Act; if
- the function or use of the chemical has changed from a component in hairstyling products, or is likely to change significantly;
 - the amount of chemical being introduced has increased from 20 tonnes, or is likely to increase, significantly;
 - the chemical has begun to be manufactured in Australia;
 - additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

Material Safety Data Sheet

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

7 PUBLICATION SUMMARY REPORT

Polymer in Acrylic Polymer 6285 Summary Report Reference No: LTD/1413

Orica Australia Pty Ltd (ABN 99 004 117 828) of 1 Nicholson Street, Melbourne VIC 3000 and Nuplex Industries (Aust) Pty Ltd (ABN 25 000 045 572) of 49-61 Stephen Road, Botany NSW 2019 has submitted a limited notification statement in support of their application for an assessment certificate for Polymer in Acrylic Polymer 6285. The notified polymer is intended to be used as component of aqueous latex for coatings. Up to 100 tonnes of the notified polymer will be manufactured per annum for each of the first five years.

Hazard Classification

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

Human Health Risk Assessment

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

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

Environmental Risk Assessment

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

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 manufactured:
 - 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 manufactured:
 - Chemical resistant gloves
 - Protective clothing
 - Safety goggles
- Precautions (such as maintaining process temperature below 90°C) should be taken to avoid formation of toxic gases during manufacture and handling processes involving the notified polymer.

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

- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)] workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Disposal

- The notified polymer should be disposed of to landfill.

Emergency procedures

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

Regulatory Obligations

Secondary Notification

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

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

- (1) Under Section 64(2) of the Act; if
 - the function or use of the chemical has changed from component of aqueous latex for coatings, or is likely to change significantly;
 - the amount of chemical being introduced has increased from 100 tonne per year, or is likely to increase, significantly;
 - the method of manufacture of the chemical in Australia has changed, or is likely to change, in a way that may result in an increased risk of an adverse effect of the chemical on occupational health and safety, public health, or the environment;
 - additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

No additional secondary notification conditions are stipulated.

Material Safety Data Sheet

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

8 PUBLICATION SUMMARY REPORT

Y-513
Summary Report
Reference No: LTD/1414

DIC Australia Pty Ltd (ABN 12 000 079 550) of 42 Sunmore Close, Heatherton VIC 3202 has submitted a limited notification statement in support of their application for an assessment certificate for Y-513. The notified chemical is intended to be used as a pigment in printing inks. Up to 1 tonne of the notified chemical will be imported per annum for each of the first five years.

Hazard Classification

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

Human Health Risk Assessment

Based on the proposed use scenarios and occupational controls in place to reduce exposure, the notified chemical is not considered to pose an unacceptable risk to the health of workers.

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

Environmental Risk Assessment

On the basis of the very low water solubility and the reported use pattern, the notified chemical is not considered to pose a risk to the environment.

Recommendations

Regulatory Controls

Health Surveillance

- As the notified chemical may be harmful by inhalation, employers should consider carrying out health surveillance of workers.

Control Measures

Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to the notified chemical as introduced in the powdered pigment:
 - Local exhaust ventilation wherever weighing and addition to mixers occurs
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical as introduced in the powdered pigment:
 - Avoid the formation of airborne dusts
 - Avoid skin contact

- Regularly clean up any spills of the powdered pigment
- Minimisation of the use of heat during handling/processing/use of the notified chemical
- Employers should implement the following safe work practices to minimise occupational exposure to the notified chemical in end use inks:
 - Situations under which the notified chemical may be subject to temperatures in excess of 200°C should be avoided, particularly when heat-setting inks containing the notified chemical.
- Measures should be taken to minimise the levels of 3,3'-dichlorobenzidine in the imported products containing the notified chemical.
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical as introduced in powdered pigment:
 - Respiratory protection sufficient for respirable particulates during processes where exposure to dust is likely
 - Gloves
 - Coveralls
 - Safety glasses
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical in printing inks:
 - Gloves
 - Coveralls
 - Safety glasses

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

- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified chemical are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)] workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Disposal

- The notified chemical should be disposed of to landfill.

Emergency procedures

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

Regulatory Obligations

Secondary Notification

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

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

- (1) Under Section 64(1) of the Act; if
 - the importation volume exceeds one tonne per annum notified chemical;
 - further information becomes available as to the mutagenic/carcinogenic potential of the notified chemical or its potential for breakdown;
 - the notified chemical is proposed to be used in printing inks for use by consumers;or
- (2) Under Section 64(2) of the Act; if
 - the function or use of the chemical has changed from a pigment used in printing inks, or is likely to change significantly;
 - the amount of chemical being introduced has increased from 1 tonne per annum, or is likely to increase, significantly;
 - the chemical has begun to be manufactured in Australia;
 - additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

Material Safety Data Sheet

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

9 PUBLICATION SUMMARY REPORT

CIM-10 Summary Report Reference No: LTD/1416

Canon Australia Pty Ltd (ABN: 66 005 002 951) of 1 Thomas Holt Drive North Ryde NSW 2113 has submitted a limited notification statement in support of their application for an assessment certificate for CIM-10. The notified chemical is intended to be used as a component in ink cartridges for use in inkjet printers. Up to 1 tonne of the notified chemical will be imported per annum for each of the first five years.

Hazard Classification

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

Human Health Risk Assessment

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

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

Environmental Risk Assessment

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

Recommendations

Control Measures

Occupational Health and Safety

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

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

- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified chemical are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)] workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Disposal

- The notified chemical should be disposed of to landfill.

Emergency procedures

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

Regulatory Obligations

Secondary Notification

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

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

- (1) Under Section 64(1) of the Act; if
 - the importation volume exceeds one tonne per annum notified chemical;
- (2) Under Section 64(2) of the Act; if
 - the function or use of the chemical has changed from a component of inkjet printer ink, or is likely to change significantly;
 - the amount of chemical being introduced has increased from one tonne per annum, or is likely to increase, significantly;
 - the chemical has begun to be manufactured in Australia;
 - additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

Material Safety Data Sheet

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

10 PUBLICATION SUMMARY REPORT

Base Polymer in EPIKURE 8537-WY-60

Summary Report

Reference No: LTD/1418

Chemiplas Australia Pty Ltd (ABN 29 003 056 808) of 3/112 Wellington Parade East Melbourne VIC 3002 has submitted a limited notification statement in support of their application for an assessment certificate for Base polymer in EPIKURE 8537-WY-60. The notified polymer is intended to be used as a curing agent for epoxy-based coatings. Up to 300 tonnes of the notified polymer will be imported per annum for each of the first five years.

Hazard Classification

Based on the available data the notified polymer is classified as hazardous under the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)]. The classification and labelling details are:

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

Human Health Risk Assessment

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

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

Environmental Risk Assessment

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

Recommendations

Regulatory Controls

Hazard Classification and Labelling

- Use the following risk phrases for products/mixtures containing the notified polymer:
 - R41 Risk of serious eye damage
 - R22 Harmful if swallowed

Xn; R22 R41

Conc ≥ 25%: Xn; R22 ; R41

≥ 10%Conc < 25%: Xi; R41

≥ 5%Conc < 10%: Xi; R36

Health Surveillance

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

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 and in the final coating products:
 - Avoid skin and eye contact
 - Avoid inhalation of vapours, mists and aerosols
 - A shower station should be available
 - Provision of emergency eye wash facilities
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer as introduced and in the final coating products:
 - Coveralls
 - Safety goggles
 - Impermeable gloves
 - Organic vapour respirators (as needed)

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

- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified chemical are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)] workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Disposal

- The notified polymer should be disposed of to landfill.

Emergency procedures

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

Regulatory Obligations

Secondary Notification

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

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

- (1) Under Section 64(1) of the Act; if
 - the polymer has a number-average molecular weight of less than 1000;or
- (2) Under Section 64(2) of the Act; if
 - the function or use of the chemical has changed from a curing agent for epoxy-based coatings or is likely to change significantly;
 - the amount of chemical being introduced has increased from 300 tonnes per annum, or is likely to increase, significantly;
 - the chemical has begun to be manufactured in Australia;
 - additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

Material Safety Data Sheet

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

11 PUBLICATION SUMMARY REPORT

Base Polymer in EPIKURE 8545-W-52 Summary Report Reference No: LTD/1419

Chemiplas Australia Pty Ltd (ABN 29 003 056 808) of 3/112 Wellington Parade East Melbourne VIC 3002 has submitted a limited notification statement in support of their application for an assessment certificate for Base polymer in EPIKURE 8545-W-52. The notified polymer is intended to be used as a curing agent for epoxy-based coatings. Up to 300 tonnes of the notified polymer will be imported per annum for each of the first five years.

Hazard Classification

Based on the available data the notified polymer is classified as hazardous under the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)]. The classification and labelling details are:

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

Human Health Risk Assessment

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

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

Environmental Risk Assessment

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

Recommendations

Regulatory Controls

Hazard Classification and Labelling

- Use the following risk phrases for products/mixtures containing the notified polymer:
 - R41 Risk of serious eye damage
 - R22 Harmful if swallowed

Xn; R22 R41

Conc ≥ 25%: Xn; R22 ; R41

≥ 10%Conc < 25%: Xi; R41

≥ 5%Conc < 10%: Xi; R36

Health Surveillance

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

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 and in the final coating products:
 - Avoid skin and eye contact
 - Avoid inhalation of vapours, mists and aerosols
 - A shower station should be available
 - Provision of emergency eye wash facilities
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer as introduced and in the final coating products:
 - Coveralls
 - Safety goggles
 - Impermeable gloves
 - Organic vapour respirators (as needed)

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

- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified chemical are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)] workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Disposal

- The notified polymer should be disposed of to landfill.

Emergency procedures

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

Regulatory Obligations

Secondary Notification

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

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

- (1) Under Section 64(1) of the Act; if
 - the polymer has a number-average molecular weight of less than 1000;or
- (2) Under Section 64(2) of the Act; if
 - the function or use of the chemical has changed from a curing agent for epoxy-based coatings, or is likely to change significantly;
 - the amount of chemical being introduced has increased from 300 tonnes per annum, or is likely to increase, significantly;
 - the chemical has begun to be manufactured in Australia;
 - additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

Material Safety Data Sheet

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

12 PUBLICATION SUMMARY REPORT

Transparent Sag Control Agent Summary Report Reference No: LTD/1422

Nuplex Industries (Aust) Pty Ltd (ABN 25 000 045 572) of 49-61 Stephen Road Botany NSW 2019 has submitted a limited notification statement in support of their application for an assessment certificate for Transparent Sag Control Agent. The notified chemical is intended to be used as a component of automotive coatings at concentrations up to 5%. Up to 1 tonne of the notified chemical will be imported per annum for each of the first five years.

Hazard Classification

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

Human Health Risk Assessment

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

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

Environmental Risk Assessment

The notified chemical is not considered to pose a risk to the environment.

Recommendations

Regulatory Controls

Control Measures

Occupational Health and Safety

- Employers should implement the following safe work practices to minimise exposure during reformulation:
 - Avoid skin and eye contact
- Employers should implement the following safe work practices to minimise occupational exposure to the notified chemical during spray application:
 - Spray application should be carried out in accordance with the Safework Australia National Guidance Material for Spray Painting [NOHSC (1999b)].
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical during reformulation:
 - Gloves
 - Safety glasses
 - Protective clothing

- Employers should ensure that personal protective equipment is used by workers to minimise occupational exposure to the notified chemical during spray painting in accordance with Safework Australia *National Guidance Material for Spray Painting* [NOHSC (1999b)].

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

- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified chemical are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)] workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Disposal

- The notified chemical should be disposed of to landfill.

Emergency procedures

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

Regulatory Obligations

Secondary Notification

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

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

- (1) Under Section 64(1) of the Act; if
 - the importation volume exceeds one tonne per annum notified chemical;
 - the chemical is imported into Australia in a powder form,
 or
- (2) Under Section 64(2) of the Act; if
 - the function or use of the chemical has changed from a component of automotive coatings, or is likely to change significantly;

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

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

Material Safety Data Sheet

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

13 PUBLICATION SUMMARY REPORT

CIM-09 Summary Report Reference No: LTD/1423

Canon Australia Pty Ltd (ABN: 66 005 002 951) of 1 Thomas Holt Drive North Ryde NSW 2113 has submitted a limited notification statement in support of their application for an assessment certificate for CIM-09. The notified chemical is intended to be used as an ink component in ink cartridges for use in inkjet printers. Up to one tonne of the notified chemical will be imported per annum for each of the first five years.

Hazard Classification

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

Human Health Risk Assessment

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

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

Environmental Risk Assessment

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

Recommendations

Control Measures

Occupational Health and Safety

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

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

- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified chemical are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)] workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Disposal

- The notified chemical should be disposed of to landfill.

Emergency procedures

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

Regulatory Obligations

Secondary Notification

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

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

- (1) Under Section 64(1) of the Act; if
 - the importation volume exceeds one tonne per annum notified chemical;
- (2) Under Section 64(2) of the Act; if
 - the function or use of the chemical has changed from a component of inkjet printer ink, or is likely to change significantly;
 - the amount of chemical being introduced has increased from one tonne per annum, or is likely to increase, significantly;
 - the chemical has begun to be manufactured in Australia;
 - additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

Material Safety Data Sheet

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

14 PUBLICATION SUMMARY REPORT

Y4002 Summary Report Reference No: STD/1329

DIC Australia Pty Ltd (ABN 12 000 079 550) of 42 Sunmore Close Heatherton VIC 3202 has submitted a standard notification statement in support of their application for an assessment certificate for Y4002. The notified chemical is intended to be used as a pigment in printing inks. Up to 100 tonnes of the notified chemical will be imported per annum for each of the first five years.

Hazard Classification

Based on the available data the notified chemical is classified as hazardous under the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)]. The following risk phrases apply to the notified chemical:

- Xn; R20 Harmful by inhalation

Human Health Risk Assessment

Based on the proposed use scenarios and occupational controls in place to reduce exposure, the notified chemical is not considered to pose an unacceptable risk to the health of workers.

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

Environmental Risk Assessment

On the basis of the lack of toxicity to aquatic life at concentrations below the solubility limit and the reported use pattern, the notified chemical is not considered to pose a risk to the environment.

Recommendations

Regulatory Controls

Hazard Classification and Labelling

- Safe Work Australia should consider the following health hazard classification for the notified chemical:
 - Xn; R20 Harmful by inhalation
- Use the following risk phrases for products/mixtures containing the notified chemical:
 - Conc \geq 25%: R20

Health Surveillance

- As the notified chemical is classified as harmful by inhalation, employers should carry out health surveillance of workers.

Control Measures

Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to the notified chemical as introduced in the powdered pigment:
 - Local exhaust ventilation wherever weighing and addition to mixers occurs
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical as introduced in the powdered pigment:
 - Avoid the formation of airborne dusts
 - Avoid skin contact
 - Regularly clean up any spills of the powdered pigment
 - Minimisation of the use of heat during handling/processing/use of the notified chemical
- Employers should implement the following safe work practices to minimise occupational exposure to the notified chemical in end use inks:
 - Situations under which the notified chemical may be subject to temperatures in excess of 200°C should be avoided, particularly when heat-setting inks containing the notified chemical.
- Measures should be taken to minimise the levels of 3,3'-dichlorobenzidine in the imported products containing the notified chemical.
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical as introduced in powdered pigment:
 - Respiratory protection sufficient for respirable particulates during processes where exposure to dust is likely
 - Gloves
 - Coveralls
 - Safety glasses
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical in printing inks:
 - Gloves
 - Coveralls
 - Safety glasses

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

- Atmospheric monitoring should be conducted by employers to measure workplace concentrations of the notified chemical during formulation processes.
- A copy of the MSDS should be easily accessible to employees.

- If products and mixtures containing the notified chemical are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)] workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Disposal

- The notified chemical should be disposed of to landfill.

Emergency procedures

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

Regulatory Obligations

Secondary Notification

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

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

- (1) Under Section 64(1) of the Act; if
 - further information becomes available as to the mutagenic/carcinogenic potential of the notified chemical or its potential for breakdown
 - the notified chemical is proposed to be used in printing inks for use by consumers

or

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

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

Material Safety Data Sheet

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

15 PUBLICATION SUMMARY REPORT

Glycerides, castor-oil mono-, hydrogenated, acetates Summary Report Reference No: STD/1334

Danisco Australia Pty Ltd (ABN 60 096 139 392) of 45–47 Green Street, Botany NSW 2019 has submitted a standard notification statement in support of their application for an assessment certificate for Glycerides, castor-oil mono-, hydrogenated, acetates. The notified chemical is intended to be used as a plasticiser/softener and as a colorant carrier. Up to 10,000 tonnes of the notified chemical will be imported per annum for each of the first five years.

This notification has been carried out under the approved foreign scheme provisions (Canada) of Section 44 of the Act. The health and environment hazard assessment of the Canadian report was provided to NICNAS and where appropriate used in this assessment report. The other elements of the risk assessment and recommendations on safe use of the notified polymer were carried out by NICNAS.

Hazard Classification

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

Human Health Risk Assessment

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

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

Environmental Risk Assessment

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

Recommendations

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 and as diluted for use in the products:
 - Avoid contact with skin and eyes
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical as introduced and as diluted for use in the products:
 - Gloves, protective clothing

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

- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified chemical are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)] workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Disposal

- The notified chemical should be disposed of to landfill.

Emergency procedures

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

Regulatory Obligations

Secondary Notification

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

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

- (1) Under Section 64(2) of the Act; if
 - the function or use of the chemical has changed from use as a plasticiser/softener and as a colorant carrier, or is likely to change significantly;
 - the amount of chemical being introduced has increased from 10,000 tonnes, or is likely to increase, significantly;
 - the chemical has begun to be manufactured in Australia;
 - additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

No additional secondary notification conditions are stipulated.

Material Safety Data Sheet

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

16 PUBLICATION SUMMARY REPORT

**Polymer in Infineum R408
Summary Report
Reference No: STD/1338**

Infineum Australia Pty Ltd (ABN 24 084 881 863) of Level 2, 6 Riverside Quay, Southbank VIC 3006 has submitted a standard notification statement in support of their application for an assessment certificate for Polymer in Infineum R408. The notified polymer is intended to be used as a fuel additive at < 500 ppm in diesel fuels. Up to 50 tonnes of the notified polymer will be imported per annum for each of the first five years.

Hazard Classification

Based on the available data the notified polymer is classified as hazardous under the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)]. The classification and labelling details are:

- R43 May cause sensitisation by skin contact

Human Health Risk Assessment

Under the conditions of the occupational settings described, and assuming that measures are in place to minimise dermal exposure, the notified polymer is not considered to pose an unacceptable risk to the health of workers.

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

Environmental Risk Assessment

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

Recommendations*Regulatory Controls***Hazard Classification and Labelling**

- Safe Work Australia, should consider the following health hazard classification for the notified polymer:
 - R43 May cause sensitisation by skin contact
- Use the following risk phrases for products/mixtures containing the notified polymer:
 - Conc \geq 1%: R43
- The following safety phrases should appear on the MSDS and label for the notified polymer and products containing the notified polymer:
 - S24 Avoid contact with skin
 - S27 Take off immediately all contaminated clothing
 - S28 After contact with skin, wash immediately with plenty of water
 - S36 Wear suitable protective clothing

- S37 Wear suitable gloves
- The MSDS for imported products containing the notified polymer should be amended as follows:
 - Inclusion of the full chemical name.

Health Surveillance

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

Control Measures

Occupational Health and Safety

- Employers should ensure the following isolation and engineering controls to minimise occupational exposure to the notified polymer:
 - Prevention of leaks and spills
 - Automated processes
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified polymer:
 - Avoid skin contact
 - Workers must have adequate education and training before handling the notified chemical
 - Avoid spills and splashing during use.
 - After exposure, any contaminated PPE should be thoroughly cleaned before re-use.
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer as introduced:
 - Impervious gloves and long-sleeved protective clothing

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

- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified chemical are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)] workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Environment

- Recovered fluids or produced water (“slops”) containing the notified polymer should not be released to the aquatic environment.

Disposal

- The notified polymer should be disposed of by thermal decomposition at an approved facility, or to landfill after containment with absorbent material.

Emergency procedures

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

Regulatory Obligations

Secondary Notification

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

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

- (2) Under Section 64(2) of the Act; if
 - the function or use of the polymer has changed from diesel fuel additive, or is likely to change significantly;
 - the amount of polymer being introduced has increased from 50 tonnes, or is likely to increase, significantly;
 - the polymer has begun to be manufactured in Australia;
 - additional information has become available to the person as to an adverse effect of the polymer on occupational health and safety, public health, or the environment.

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

Material Safety Data Sheet

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

17 PUBLICATION SUMMARY REPORT

Polymer in PDS 1010 Summary Report Reference No: PLC/851

Chemetall (Australasia) Pty Ltd (ABN 25 074 869 015) of 17 Turbo Drive Bayswater North VIC 3153 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in PDS 1010. The notified polymer is intended to be used as a component of industrial surface coatings. Up to 0.3 tonne of the notified polymer will be imported per annum for each of the first five years.

Hazard Classification

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

Human Health Risk Assessment

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

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

Environmental Risk Assessment

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

Recommendations

Control Measures

Occupational Health and Safety

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

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

- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)], workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Disposal

- The notified polymer should be disposed of to landfill.

Emergency procedures

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

Regulatory Obligations

Secondary Notification

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

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

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

or

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

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

Material Safety Data Sheet

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

18 PUBLICATION SUMMARY REPORT

Polymer in Stepanpol PS-1922 Summary Report Reference No: PLC/855

Era Polymers (ABN 14 003 055 936) of 25-27 Green Street Banksmeadow NSW 2019 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in Stepanpol PS-1922. The notified polymer is intended to be used as a component of insulation foam. Four tonnes of the notified polymer will be imported per annum for each of the first five years.

Hazard Classification

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

Human Health Risk Assessment

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

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

Environmental Risk Assessment

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

Recommendations

Control Measures

Occupational Health and Safety

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

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

- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)], workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Disposal

- The notified polymer should be disposed of to landfill.

Emergency procedures

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

Regulatory Obligations

Secondary Notification

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

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

- (1) Under Section 64(1) of the Act; if
 - the notified polymer is introduced in a chemical form that does not meet the PLC criteria.or
- (2) Under Section 64(2) of the Act; if
 - the function or use of the notified polymer has changed from a component of insulation foam, or is likely to change significantly;
 - the amount of notified polymer being introduced has increased, or is likely to increase, significantly;
 - the notified polymer has begun to be manufactured in Australia;
 - additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

Material Safety Data Sheet

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

19 PUBLICATION SUMMARY REPORT

Polymer in CT-1 Summary Report Reference No: PLC/861

Kao (Australia) Marketing Pty (ABN 59 054 708 299) of Suite G2, 1 - 5 Commercial Road, Kingsgrove NSW 2208 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in CT-1. The notified polymer is intended to be used as component of printing toner and developers. Up to 10 tonnes of the notified polymer will be imported per annum for each of the first five years.

Hazard Classification

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

Human Health Risk Assessment

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

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

Environmental Risk Assessment

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

Recommendations

Control Measures

Occupational Health and Safety

- Specific engineering controls, work practices or personal protective equipment should be selected on the basis of all ingredients in the formulation.

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

- Service personnel should wear cotton or disposable gloves and ensure adequate ventilation is present when removing spent printer cartridges containing the notified polymer and during routine maintenance and repairs.
- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)], workplace practices and control procedures

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

Disposal

- The notified polymer should be disposed of to landfill.

Emergency procedures

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

Regulatory Obligations

Secondary Notification

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

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

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

or

- (2) Under Section 64(2) of the Act; if
 - the function or use of the notified polymer has changed from component of printing toner and developers, or is likely to change significantly;
 - the amount of notified polymer being introduced has increased, or is likely to increase, significantly;
 - the notified polymer has begun to be manufactured in Australia;
 - additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

Material Safety Data Sheet

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

20 PUBLICATION SUMMARY REPORT

**Polymer in AK1101P
Summary Report
Reference No: PLC/863**

The Valspar (Australia) Corporation Pty Limited (ABN: 82 000 039 396) of 203 Power Street, Glendenning NSW 2761 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in AK1101P. The notified polymer is intended to be used as in clear and pigmented varnishes for cementitious and wood substrates. Up to 10 tonnes of the notified polymer will be imported per annum for each of the first five years.

Hazard Classification

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

Human Health Risk Assessment

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

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

Environmental Risk Assessment

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

Recommendations*Control Measures***Occupational Health and Safety**

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

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

- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)], workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Disposal

- The notified polymer should be disposed of to landfill.

Emergency procedures

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

Regulatory Obligations

Secondary Notification

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

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

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

or

- (2) Under Section 64(2) of the Act; if
 - the function or use of the notified polymer has changed from component of industrial coating, or is likely to change significantly;
 - the amount of notified polymer being introduced has increased, or is likely to increase, significantly;
 - the method of manufacture of the notified polymer in Australia has changed, or is likely to change, in a way that may result in an increased risk of an adverse effect of the notified polymer on occupational health and safety, public health, or the environment;
 - additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

Material Safety Data Sheet

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

21 PUBLICATION SUMMARY REPORT

Polymer in Kodak Versamark FD8600 Pigment Black Ink 8088600 Summary Report Reference No: PLC/869

Kodak Australia Pty Ltd (ABN 49 004 057 621) of 181 Victoria Parade, Collingwood VIC 3066 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in Kodak Versamark FD8600 Pigment Black Ink 8088600. The notified polymer is intended to be used as a component of an inkjet printing ink. Up to 10 tonnes of the notified polymer will be imported per annum for each of the first five years.

Hazard Classification

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

Human Health Risk Assessment

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

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

Environmental Risk Assessment

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

Recommendations

Control Measures

Occupational Health and Safety

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

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

- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)], workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Disposal

- The notified polymer should be disposed to landfill.

Emergency procedures

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

Regulatory Obligations

Secondary Notification

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

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

- (1) Under Section 64(1) of the Act; if
 - the notified polymer is introduced in a chemical form that does not meet the PLC criteria.or
- (2) Under Section 64(2) of the Act; if
 - the function or use of the notified polymer has changed from a component of ink, or is likely to change significantly;
 - the amount of notified polymer being introduced has increased, or is likely to increase, significantly;
 - the notified polymer has begun to be manufactured in Australia;
 - additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

Material Safety Data Sheet

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

22 ACCESS TO FULL PUBLIC REPORT

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

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

23 COMMERCIAL EVALUATION CATEGORY PERMIT

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

Table 1
Commercial Evaluation Category Permits

PERMIT NUMBER	COMPANY NAME	COMPANY POSTCODE	CHEMICAL OR TRADE NAME	HAZARDOUS SUBSTANCE	QUANTITY	USE	PERIOD APPROVED
744	The Valspar (Australia) Corporation Pty Ltd	2761	Polymer in Ezdex Waterbased Epoxy Lining	ND	2000 kg	Coating for metal cans	2 yrs

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

24 EARLY INTRODUCTION PERMITS FOR NON-HAZARDOUS INDUSTRIAL CHEMICALS

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

Table 2

Early Introduction Permits

PERMIT NUMBER	COMPANY NAME	CHEMICAL OR TRADE NAME	USE
635	A.S. Harrison & Co. Pty Ltd	Polymer in SAG TP-325	Component of a diesel fuel additive
636	Momentive Performance Material Australia Pty Ltd		
637	Nuplex Industries (Aust) Pty Ltd	Polymer in Setalux 57-1460	Component of industrial automotive coatings
638	De Beer Australasia Pty Limited		
639	DuPont (Australia) Ltd	Polymer in Zelan 338	Component of textile coatings
640	Akzo Nobel Pty Ltd	Polymer in BYK-420	Component of coating products
641	Nuplex Industries (Aust) Pty Ltd		
643	Akzo Nobel Pty Ltd	Polymer in AR-2000 Series	Component of OEM automotive coatings
644	International Sales and Marketing Pty Ltd	Polymer in Synocure 854BA80	Component of coatings for industrial and commercial applications

25 LOW VOLUME CATEGORY PERMITS

The permits listed in Table 3 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 3
Low Volume Category Permits

PERMIT NUMBER	COMPANY NAME	COMPANY POSTCODE	CHEMICAL OR TRADE NAME	HAZARDOUS SUBSTANCE	USE
848	Colgate-Palmolive Australia Pty Ltd	2000	Frescolat MPC	Yes	Ingredient of breath freshener
849 (Renewal)	Givaudan Australia Pty Ltd	2153	Belambre	Yes	Fragrance ingredient
850 (Renewal)	Givaudan Australia Pty Ltd	2153	Floridile	Yes	Fragrance ingredient
851 (Renewal)	Givaudan Australia Pty Ltd	2153	Pharaone	Yes	Fragrance ingredient
852 (Renewal)	Givaudan Australia Pty Ltd	2153	Okoumal	No	Fragrance ingredient
853 (Renewal)	Firmenich Limited	2093	Rosoxime	No	Fragrance ingredient
855 (Renewal)	Firmenich Limited	2093	Aladinate	Yes	Fragrance ingredient
856 (Renewal)	Firmenich Limited	2093	Aldolone	Yes	Fragrance ingredient
857	Hewlett Packard Australia Pty Ltd	3131	Surfactant in HP 600 and HP 771 Series of inks	Yes	Surfactant in inks
859	L'oreal Australia Pty Ltd	3004	Imexine OAX	Yes	Hair dye colourant

860 (Renewal)	Firmenich Limited	2093	Lilyflore	Yes	Fragrance ingredient
861 (Renewal)	Firmenich Ltd	2093	Cyclopentol	Yes	Aroma chemical
862 (Renewal)	L'Oreal Australia Pty Ltd	3004	Imexine OBA	Yes	Hair dye colourant

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

26 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
2,7,9-Trioxa-8-stannatrideca-4,11-dien-13-oic acid, 8,8-dibutyl-3,6,10- trioxo-1-phenyl-, phenylmethyl ester, (4Z,11Z)-	$C_{30}H_{36}O_8Sn$	7324-74-5
Poly [oxy (methyl-1,2-ethanediyl)], alpha- [3-[methylbis[(1-methylethenyl)oxy]silyl]propyl]-omega-[3-[methylbis[(1-methylethenyl)oxy]silyl] propoxy]-	$(C_3H_6O)_nC_{20}H_{38}O_5Si_2$	76735-64-3
Phosphonic acid, P,P'-(4-morpholinylmethylene)bis-, sodium salt (1:?)	$C_5H_{13}NO_7P_2.xNa$	94200-61-0
tert-Decanoic acid, ethenyl ester, polymer with methyl 2-methyl-2-propenoate	$(C_{12}H_{22}O_2.C_5H_8O_2)_x$	102802-99-3
1-Propanol, 2-methyl-, reaction products with Et alc., 1-(ethenyloxy)-2-methylpropane and ethoxyethene, polymers with 1-(ethenyloxy)-2-methylpropane and ethoxyethene, hydrogenated	Unspecified	167257-58-1
1,3-Isobenzofurandione, polymer with 1,1'-iminobis[2-propanol]	$(C_8H_4O_3.C_6H_{15}NO_2)_x$	222739-10-8
Benzoic acid, 2-hydroxy-, reaction products with formaldehyde and phenol polyisobutylene derivs., calcium salts	Unspecified	1187872-79-2
Chlorosulfuric acid, reaction products with divinylbenzene-styrene polymer, hexamethylenetetramine, phosphonic acid and sodium hydroxide	Unspecified	1187923-75-6

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

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

Table 5

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

CHEMICAL NAME	MOLECULAR FORMULA	CAS NUMBER
L-Glutamic acid, N,N-bis(carboxymethyl)-, tetrasodium salt	$C_9H_{13}NO_8 \cdot 4Na$	51981-21-6
1,3-Benzenedicarboxylic acid, polymer with (2E)-2-butenedioic acid, 1,3-dihydro-1,3-dioxo-5-isobenzofurancarboxylic acid, dihydro-3-(tetrapropenyl)-2,5-furandione, hexanedioic acid, .alpha.,.alpha.'-[(1-methylethylidene)di-4,1-phenylene]bis[.omega.-hydroxypoly(oxy-1,2-ethanediyl)] and .alpha.,.alpha.'-[(1-methylethylidene)di-4,1-phenylene]bis[.omega.-hydroxypoly[oxy(methyl-1,2-ethanediyl)]]	$(C_{16}H_{26}O_3 \cdot C_9H_4O_5 \cdot C_8H_6O_4 \cdot C_6H_{10}O_4 \cdot C_4H_4O_4 \cdot (C_3H_6O)_n (C_3H_6O)_n C_{15}H_{16}O_2 \cdot (C_2H_4O)_n (C_2H_4O)_n C_{15}H_{16}O_2)_x$	1047626-48-1
Phenol, 2-(2H-benzotriazol-2-yl)-4-methyl-, reaction products with 1-dodecene	Unspecified	1172613-19-2
1-Propanamine, 3-(trimethoxysilyl)-, reaction products with trimethoxymethylsilane and 2-[[3-(trimethoxysilyl)propoxy]methyl]oxirane	$C_9H_{20}O_5Si \cdot C_6H_{17}NO_3Si \cdot C_4H_{12}O_3Si$	123127-06-0
Dodecanedioic acid, polymer with 1,9-nonanediol	$(C_{12}H_{22}O_4 \cdot C_9H_{20}O_2)_x$	72415-44-2
2-Propenoic acid, 2-methyl-, cyclohexyl ester, polymer with 2-(dimethylamino)ethyl 2-methyl-2-propenoate	$(C_{10}H_{16}O_2 \cdot C_8H_{15}NO_2)_x$	26658-81-1