



Australian Government

Gazette

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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 ERRATUM TO THE AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES

The *Chemical Gazette* issue of 2 February 2010 contains incorrect Notices for chemicals eligible for immediate listing on AICS and listing on AICS 5 years after issuing of assessment certificate (Tables 2 and 3, pages 69 and 70).

The corrected tables are printed below. NICNAS apologises for any confusion that may have resulted.

25 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 2

Chemicals Eligible for Listing on the Australian Inventory of Chemical Substances

CHEMICAL NAME	MOLECULAR FORMULA	CAS NUMBER
2-Propenoic acid, butyl ester, polymer with diethenylbenzene and ethenylbenzene	(C ₁₀ H ₁₀ .C ₈ H ₈ .C ₇ H ₁₂ O ₂) _x	60806-47-5

26 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 3

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

CHEMICAL NAME	MOLECULAR FORMULA	CAS NUMBER
Fatty acids, C18-unsatd., dimers, hydrogenated, polymers with 1,6-hexanediol	Unspecified	156064-92-5
Fatty acids, C18-unsatd., dimers, hydrogenated, polymers with adipic acid and 1,6-hexanediol	Unspecified	171542-56-6
Butanamide, N-[4-[[[3-(dimethylamino)propyl]amino]sulfonyl]phenyl]-2-[2-(2-methoxy-4-	C ₂₂ H ₂₈ N ₆ O ₇ S	1065519-44-9

nitrophenyl)diazenyl]-3-oxo-		
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2 REMINDER NOTICE – CALL FOR INFORMATION ON CHEMICALS IN COSMETIC PRODUCTS PREVIOUSLY REGULATED AS THERAPEUTICS

This notice is to remind all persons and companies that NICNAS is seeking identity and usage information on cosmetic ingredients that were in commerce in products previously regulated by the Therapeutic Goods Administration (TGA); and are not currently listed on the Australian Inventory of Chemical Substances (AICS), and which are now considered industrial (cosmetic) chemicals and regulated by NICNAS.

The closing date for the nomination of eligible chemicals is **2 May 2010**.

The aim is to identify those chemicals that meet the criteria for recognition as an industrial chemical and may be eligible for listing on the Australian Inventory of Chemical Substances (AICS).

Further information is published in the Chemical Gazette of 2 February 2010. The notice and nomination form can be accessed at http://www.nicnas.gov.au/Current_Issues/Cosmetics.asp.

If you have any queries about the nomination process or require further information, please email cosmeticreforms@nicnas.gov.au or contact Youmie Chong on 02 8577 8813.

2 PUBLICATION SUMMARY REPORT

Polymer in TC139 Summary Report Reference No: LTD/1434

Baker Petrolite Corporation (A Division of Baker Hughes Australia Pty Ltd, ABN 20 004 752 050) of 5 Walker Street, Braeside Victoria 3195 has submitted a limited notification statement in support of their application for an assessment certificate for Polymer in TC139. The notified polymer is intended to be used as a water clarifier in oil/gas production. 53.8 tonnes of the notified polymer will be imported per annum for each of the first five years.

Hazard Classification

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

Human Health Risk Assessment

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

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

Environmental Risk Assessment

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

Recommendations

Control Measures

Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to the notified polymer in the imported product and formulated end-product:
 - Keep notified polymer in basic or neutral pH conditions.
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified polymer in the imported product and formulated end-product:
 - 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 in the imported product and formulated end-product:
 - Gloves, overalls
 - 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 polymer should be disposed of to landfill.

Storage

- The following precautions should be taken regarding storage of the notified chemical:
 - Store in a cool and well ventilated area
 - Keep away from acid

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(2) of the Act; if
 - the function or use of the chemical has changed from a water clarifier in oil/gas production, or is likely to change significantly;
 - the amount of chemical being introduced has increased from 53.8 tonne per year, or is likely to increase, significantly;
 - the chemical has begun to be manufactured in Australia;
 - additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

No additional secondary notification conditions are stipulated.

Material Safety Data Sheet

The MSDS of the 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.

3 PUBLICATION SUMMARY REPORT

1-Propanamine, N,N-dimethyl-3-(octadecyloxy)- (INCI Name: Stearoxypropyl dimethylamine) Summary Report Reference No: LTD/1438

Kao Brands Australia Pty Ltd (ABN 72 111 285 146) of Level 1, 19 Prospect Street, Box Hill VIC 3128 has submitted a limited notification statement in support of their application for an assessment certificate for 1-Propanamine, N,N-dimethyl-3-(octadecyloxy)- (INCI Name: Stearoxypropyl dimethylamine). The notified chemical is intended to be used as a surfactant at $\leq 0.5\%$ concentration in hair conditioner products. Up to 1 tonne of the notified chemical will be imported per annum for each of the first five years.

Hazard Classification

Due to the limited information provided, the notified chemical cannot be classified using the *Approved Criteria for Classifying Hazardous Substances* (NOHSC, 2004).

However, based on the reported irritation/corrosive effects of structurally related chemicals (N,N-Dimethyldodecylamine (CAS No. 112-18-5) and Amines, C12-14-alkyldimethyl- (CAS No. 84649-84-3)) and due to the presence of a tertiary amine group in the notified chemical, it should be considered as hazardous with the following risk phrase:

- R36/38 Irritating to eyes and skin.

The notified chemical is classified as an “environmentally hazardous substance (aquatic environment)” under the *Australian Dangerous Goods Code 7th edition* (2007).

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, reported use pattern, and proposed annual introduction volume, the notified chemical is not expected to pose a risk to the environment.

Recommendations

Regulatory Controls

Hazard Classification and Labelling

- Based on the reported irritation/corrosive effects of structurally related chemicals (N,N-Dimethyldodecylamine (CAS No. 112-18-5) and Amines, C12-14-alkyldimethyl- (CAS No. 84649-84-3)) and due to the presence of a tertiary amine group in the notified chemical, it should be considered as hazardous with the following risk phrase:
 - R36/38 Irritating to eyes and skin.

- The notified chemical is classified as an “environmentally hazardous substance (aquatic environment)” under the *Australian Dangerous Goods Code 7th edition* (2007).

Control Measures

Occupational Health and Safety

- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified chemical are classified as hazardous to health in accordance with the *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 concentration of the notified chemical in hair conditioners exceeds 0.5%;
 or
- (2) Under Section 64(2) of the Act; if
 - the function or use of the chemical has changed from a component of hair conditioner products;
 - the chemical has begun to be manufactured in Australia;

- additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

Material Safety Data Sheet

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

4 PUBLICATION SUMMARY REPORT

Polymer in Polyquart Ecoclean Summary Report Reference No: LTD/1439

Cognis Australia Pty Ltd (ABN 87 006 374 456) of 4 Saligna Drive, Tullamarine VIC 3043 has submitted a limited notification statement in support of their application for an assessment certificate for Polymer in Polyquart Ecoclean. The notified polymer is intended to be used as an additive in hard-surface cleaning products. Up to 10 tonnes of the notified polymer will be imported per annum for each of the first five years.

Hazard Classification

Based on the data provided, the notified polymer is not classified as hazardous 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 to the notified polymer as imported at a concentration of 22%:
 - Local exhaust ventilation
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified polymer as imported at a concentration of 22%:
 - Avoid contact with eyes and skin.
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer as imported at a concentration of 22%:
 - Gloves, safety glasses, protective clothing.
- A copy of the MSDS should be easily accessible to employees.

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

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

Disposal

- The notified chemical should be disposed of to landfill.

Emergency procedures

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

Regulatory Obligations

Secondary Notification

This risk assessment is based on the information available at the time of notification. The Director may call for the reassessment of the 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 concentration of the polymer in products exceeds 3%;
 or
- (2) Under Section 64(2) of the Act; if
 - the function or use of the chemical has changed from a component of hard-surface cleaning products, or is likely to change significantly;
 - the amount of chemical being introduced has increased from 10 tonnes, or is likely to increase, significantly;
 - the chemical has begun to be manufactured in Australia;
 - additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

Material Safety Data Sheet

The MSDS of 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.

5 PUBLICATION SUMMARY REPORT

Chemical in T74S Photocopier Toner Summary Report Reference No: LTD/1440

Ciba (Australia) Pty Limited (ABN 97 005 061 469) of 235 Settlement Road, Thomastown, VIC 3074 has submitted a limited notification statement in support of their application for an assessment certificate for Chemical in T74S Photocopier Toner. The notified chemical is intended to be used as a component of photocopier and printer toner. Less than one tonne of the notified chemical will be imported per annum for each of the first five years in sealed cartridges or bottles up to 0.1% concentration.

Hazard Classification

Based on the data provided, 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 an unacceptable risk to the environment.

Recommendations

Control Measures

Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to the notified chemical as introduced for use
 - Local Exhaust Ventilation or good general ventilation during printing or photocopying
- Employers should ensure that the following personal protective equipment is used by printer/photocopier maintenance workers to minimise occupational exposure to the notified chemical as introduced :
 - Gloves

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

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

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

Environment

- Do not allow material or contaminated packaging to enter drains, sewers, or water courses.

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.
- Avoid the formation of airborne dusts
- Avoid dust inhalation

Regulatory Obligations

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 concentration in toner has exceeded or likely to exceed 0.1%;
 or
- (2) Under Section 64(2) of the Act; if
 - the function or use of the chemical has changed from a component of toner introduced in sealed cartridges or bottles;
 - the chemical has begun to be manufactured in Australia;

- additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

No additional secondary notification conditions are stipulated.

Material Safety Data Sheet

The MSDS of the notified chemical (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.

6 PUBLICATION SUMMARY REPORT

Polymer in HL 9648, Polymer in HL 9597, Polymer in HL 9597G, Polymer in HL 9654B

Summary Report

Reference No: LTD/1443, 1444, 1445 & 1446

H B Fuller Company Australia Pty Ltd (ABN 37 003 638 435) of 16-22 Red Gum Drive, Dandenong South, VIC 3175 has submitted limited notification statements in support of their application for assessment certificates for LTD 1443 Polymer in HL 9648, LTD 1444 Polymer in HL 9597, LTD 1445 Polymer in HL 9597G and LTD 1446 Polymer in HL 9654B. The notified polymers are intended to be used as components (at > 90%) in ready-to-use polyurethane hot-melt adhesives to bond wood, metal, textiles, leather, polyurethane foams and a wide range of plastics. Up to 300 tonnes for each of the notified polymers will be imported per annum for each of the first five years.

Hazard Classification

Based on the data provided the notified polymers are classified as hazardous according to the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)]. The classification details are:

- Xn; R42 May cause sensitisation by inhalation

Human Health Risk Assessment

Under the conditions of the occupational settings described where sufficient controls are in place to minimise inhalation exposure when necessary, the notified polymers are not considered to pose an unacceptable risk to the health of workers.

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

Environmental Risk Assessment

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

Recommendations

Regulatory Controls

Hazard Classification and Labelling

- Safe Work Australia should consider the following health hazard classification for products/mixtures containing the notified polymers:
 - Conc \geq 1%: R42 may cause sensitisation by inhalation
- The following safety phrases should appear on the MSDS and label for the notified polymers:
 - S23 Do not breathe vapour or spray
 - S28 After contact with skin, wash immediately with plenty of water and soap.
 - S36/37 Wear suitable protective clothing and gloves.

- S38 In case of insufficient ventilation, wear suitable respiratory protection.
- S45 In case of accident or if you feel unwell seek medical advice immediately (and show the label where possible)

Health Surveillance

- As the notified polymers contain isocyanate functional groups, employers should carry out health surveillance for any worker who has been identified in the workplace risk assessment as having a history of isocyanate sensitivity, asthma or other pulmonary condition and who may be adversely affected by isocyanate exposure.

Control Measures

Occupational Health and Safety

- Employers should implement the following isolation and engineering controls to minimise occupational exposure to the notified polymers:
 - Ventilation system including local exhaust ventilation.
 - Automated processes, where possible.
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified polymers:
 - Keep containers securely sealed and check regularly for spills and leaks.
 - Avoid inhalation of vapours, mists and aerosols.
 - Avoid contact with skin.
 - Wash hands after handling the notified polymers, or containers and equipment containing them.
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymers:
 - Isocyanate-resistant gloves
 - Overalls
 - Safety glasses
 - Appropriately fitted air-line respirators or self-contained breathing apparatus complying with Australian Standard AS 1716 for cleaning and maintenance workers

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

- Atmospheric monitoring should be conducted to measure workplace concentrations of volatile adhesive components during use of the notified polymers.
- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified polymers 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 polymers should be disposed of to landfill.

Storage

- The following precautions should be taken regarding storage of the notified polymers:
 - Check all containers against leakage and ensure lids and caps are tightly sealed
 - Store in a ventilated and bunded area.
 - Store in a cool dry place away from direct sunlight
 - Store away from acids, alkalis or amines.

Emergency procedures

- Spills or accidental release of the notified polymers 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 polymers have a number-average molecular weight of less than 1000;
 - the polymers are imported in a mixture that can be aerosolised;
 or
- (2) Under Section 64(2) of the Act; if
 - the function or use of the chemicals has changed from a component (at > 90%) in ready-to-use polyurethane hot-melt adhesive, or is likely to change significantly;
 - the amount of chemicals being introduced has increased from 300 tonne per year, or is likely to increase, significantly;
 - the chemicals have begun to be manufactured in Australia;
 - additional information has become available to the person as to an adverse effect of the chemicals on occupational health and safety, public health, or the environment.

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

No additional secondary notification conditions are stipulated.

Material Safety Data Sheet

The MSDS of the products containing the notified polymers provided by the notifier were reviewed by NICNAS. The polymers have been classified as hazardous according to the concentrations of hazardous monomers. The accuracy of the information on the MSDS remains the responsibility of the applicant.

7 PUBLICATION SUMMARY REPORT

NEJI-21 Polymer in Epson Ink Cartridge Summary Report Reference No: PLC/874

EPSON Australia Pty Ltd (ABN 91 002 625 783) of 3 Talavera Road, North Ryde, NSW 2113 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for NEJI-21 polymer in Epson Ink Cartridge. The notified polymer is intended to be used as component of ink for use in inkjet printer. Up to 1 tonne of the notified polymer will be imported per annum for each of the first five years.

Human Health Risk Assessment

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

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 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 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 polymer has changed from component of printer ink for use in inkjet printer, or is likely to change significantly;
 - the amount of notified polymer being introduced has increased, or is likely to increase, significantly;
 - if 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 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

Polymer RKP-02 in Lanier Print Cartridge Series Summary Report Reference No: PLC/895

Lanier Australia Pty Ltd (ABN 39 001 568 958) of 854 Lorimar Street, Port Melbourne VIC 3207 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer RKP-02 in Lanier Print Cartridge Series. The notified polymer is intended to be used as a component of printing ink. Up to 500 kilograms of the notified polymer will be imported per annum for each of the first five years.

Hazard Classification

The notified polymer meets the PLC criteria and can therefore be considered to be of low hazard. This is supported by the results of the acute oral toxicity study conducted on the notified polymer.

Human Health Risk Assessment

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

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

Environmental Risk Assessment

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

Recommendations

Control Measures

Occupational Health and Safety

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

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

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

Environment

- Do not allow material or contaminated packaging to enter drains, sewers, or water courses.

Disposal

- The notified polymer should be disposed of to landfill.

Emergency procedures

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

Regulatory Obligations

Secondary Notification

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

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

- (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;
 - the notified polymer is introduced in powder form.

or

- (2) Under Section 64(2) of the Act; if
 - the function or use of the notified polymer has changed from a component of printing ink in a cartridge, 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 a product containing the notified polymer provided by the notifier were reviewed by NICNAS. The accuracy of the information on the MSDS remains the responsibility of the applicant.

9 PUBLICATION SUMMARY REPORT

Polymer in Daotan VTW 6462 Summary Report Reference No: PLC/896

Cytec Australia Holdings Pty Limited (ABN 45 081 148 629) of Suite 1, Level 1, 21 Solent Circuit, Baulkham Hills, NSW 2153 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in Daotan VTW 6462. The notified polymer is intended to be used as a component of automotive paints and industrial coatings. Up to 100 tonnes of the notified polymer will be imported per annum for each of the first five years.

Hazard Classification

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

Human Health Risk Assessment

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

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

Environmental Risk Assessment

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

Recommendations

Control Measures

Occupational Health and Safety

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

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.

Environment

- Do not allow material or contaminated packaging to enter drains, sewers, or water courses.

Disposal

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

Emergency procedures

- Spills and/or accidental release of the notified polymer should be handled by physical containment, 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 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;
 - the method of reformulation 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 the notified polymer (and products 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.

10 PUBLICATION SUMMARY REPORT

Polymer in KT-1 Summary Report Reference No: PLC/897

Kao (Australia) Marketing Pty Ltd (ABN 59 054 708 299) of 1-5 Commercial Rd, 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 KT-1. The notified polymer is intended to be used as a component of toner and developer. Up to 5 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 expected to pose a risk to the environment.

Recommendations

Control Measures

Occupational Health and Safety

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

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

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

Environment

- Do not allow material or contaminated packaging to enter drains, sewers, or water courses.

Disposal

- The notified polymer should be disposed of in 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 toner and developer, or is likely to change significantly;
 - the amount of notified polymer being introduced has increased, or is likely to increase, significantly;
 - the notified polymer has begun to be manufactured in Australia;
 - additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

Material Safety Data Sheet

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

11 PUBLICATION SUMMARY REPORT

Dispersing Agent V4357 Summary Report Reference No: PLC/898

Clariant (Australia) Pty Ltd (ABN: 30 069 435 552) of Brandon Office Park, Building 5, L2 530-540 Springvale Rd Glen Waverley VIC 3150 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Dispersing Agent V4357. The notified polymer is intended to be used as a dispersing agent for pigment preparations. Up to 10 tonnes of the notified polymer will be imported per annum for each of the first five years.

Hazard Classification

Toxicological data submitted were indicative of low hazard. 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 expected to pose a risk to the environment.

Recommendations

Control Measures

Occupational Health and Safety

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified polymer as introduced, in the product Colanyl Yellow 2GXD 130:
 - Avoid contact with skin and eyes
- 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.

Environment

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 paint and printing 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 the notified polymer and a product 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.

12 PUBLICATION SUMMARY REPORT

Polymer in Hydrox Bio100 and Hydro Bio220 Summary Report Reference No: PLC/899

C. E. & A. Co Pty Ltd (ABN 24 008 092 135) of 5 Schenker Drive, Royal Park SA 5014 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in Hydrox Bio100 and Hydrox Bio220. The notified polymer is intended to be used as an additive in lubricants for marine vessels. Up to 500 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.

Environment

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 an oil additive in marine vessels, 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.

13 PUBLICATION SUMMARY REPORT

Polymer in AQU D-3766 Summary Report Reference No: PLC/900

Nuplex Industries (Aust). Pty Ltd (ABN 25 000 045 572) of 49-61 Stephen Road, Botany NSW 2019 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in AQU D-3766. The notified polymer is intended to be used as a component of cement mixtures. Up to 30 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

- Employers should implement the following engineering controls to minimise occupational exposure to the notified polymer as introduced in powder form:
 - Local Exhaust ventilation is in place to minimise dust levels where weighing and mixing occurs.
- Employers should implement the following safe work practices to minimise occupational exposure to the notified polymer as introduced in powder form:
 - Avoid the formation of airborne dusts.
- Employers should ensure that the following personal protective equipment is used by workers where dust may be generated:
 - Correctly fitted respiratory protection (adequate for respirable particle sizes)

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.
- In the interest of occupational health and safety, the following guidelines and precautions should be observed for use of the notified polymer as introduced in powder form:
 - The level of atmospheric dust should be maintained as low as possible. The Australian recommended exposure standard for dust is 10 mg/m³ [NOHSC 3008:(1995)], 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)”.
- 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:

- (2) Under Section 64(2) of the Act; if
 - the function or use of the notified polymer has changed from a component of cement, 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 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.

14 PUBLICATION SUMMARY REPORT

Polymer in KP-1 in Lanier Print Cartridge Series Summary Report Reference No: PLC/901

Lanier Australia Pty Ltd (ABN: 39 001 568 958) of 854 Lorimar Street Port Melbourne VIC 3207 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer KP-1 in Lanier Print Cartridge Series. The notified polymer is intended to be used as a component of printing ink. Less than 1 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 expected to pose a risk to the environment.

Recommendations

Control Measures

Occupational Health and Safety

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

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

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

Disposal

Chemical Gazette

Commonwealth of Australia Gazette
No. C 03, 02 March 2010

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

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

Material Safety Data Sheet

The MSDS of 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.

15 PUBLICATION SUMMARY REPORT

Polymer in Liquitint Yellow LP Summary Report Reference No: EX/133

Walk Off Mats Asia Pacific Pty Ltd (ABN: 14 002 708 830), U7/95 O'Sullivan Beach Rd, Lonsdale, South Australia, 5160 and Albright & Wilson (ABN: 36 004 234 137), 22 Davis Rd, Wetherill Park, NSW, 2164 have submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in Liquitint® Yellow LP. The notified polymer is intended to be used as a colourant in household soaps and detergents. Less than one tonne of the notified polymer will be imported per annum for each of the first five years.

Since the assessment certificate has been granted for the above notified chemical, Colin Campbell (Chemicals) Pty Ltd (ABN 29 000 045 590) of 5 Blackfriar Place, Wetherill Park, NSW 2164 has submitted an application for extension of the assessment certificates (Nos. 2272 and 2273, PLC/589), together with a written agreement of the holder of the original certificates, Walk Off Mats Asia Pacific Pty Ltd and Albright & Wilson. The notified polymer is intended to be used as a colourant on recreational turf. Up to 10 tonnes of the notified polymer will be imported per annum for each of the first 5 years.

Hazard Assessment

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

Occupational Health and Safety

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

Public Health

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

Environmental Effects

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

Risk assessment (extension applicant)

In contrast to the original notifier, the extension applicant will import the notified polymer at higher volumes for a different proposed use. However these changes in circumstances in the extension application are not expected to impact on the original human health and environment risk assessment.

Recommendations

Control Measures

Occupational Health and Safety

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

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

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

Disposal

- The notified polymer should be disposed of by licensed waste removal to landfill.

Emergency procedures

- Spills and accidental release of the notified polymer should be handled by using absorbent inert material. The inert material should be placed in containers and disposed of in accordance with government regulations.

Secondary Notification

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

- (1) Under subsection 64(1) of the Act; if
 - the notified polymer is introduced in a chemical form that does not meet the PLC criteria.
- or
- (2) Under subsection 64(2) of the Act:
 - if any of the circumstances listed in the subsection arise.

The Director will then decide whether secondary notification is required.

16 PUBLICATION SUMMARY REPORT

**Polymer in HP-27-3730
Summary Report
Reference No: SAPLC/109**

PPG Industries Australia Pty Ltd (ABN 82 055 500 939) of McNaughton Road, Clayton VIC 3168 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in HP-27-3730. The notified polymer is intended to be used as a component of industrial exterior roofing and walling coil coatings. Up to 100 tonnes of the notified polymer will be manufactured 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.

Occupational Health and Safety

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

Public Health

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

Environment

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

Material Safety Data Sheet

The notifier has provided a MSDS as part of the notification statement. The accuracy of the information on the MSDS remains the responsibility of the applicant.

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.

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 surface coatings, 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 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 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.

18 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
747	BAKER HUGHES AUSTRALIA PTY LTD	6000	Hexanedinitrile, High-Boiling Fraction, Reaction Products with Carbon Disulfide, Potassium Salts	ND	4000 kg	A water clarifier in oil/gas production	9 mths
748	HENKEL AUSTRALIA PTY LTD	3137	Isocyanate in Loctite 193418 Hysol Polyurethane Adhesive	Yes	700 kg	Component of polyurethane adhesive for use in telecommunications	9 mths

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

19 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
661	Mobil Oil Australia Pty Ltd	Polymer in SpectraSyn Elite 150	Lubricant for automotive and industrial use
662	International Sales & Marketing Pty Ltd	Polymer in Synocure 886 S70	Component of surface coatings
663	The Valspar (Australia) Corporation Pty Limited	SQ1038P	Component of automotive paint products
664	Hewlett Packard Australia Pty Ltd	Polymer in HP Large Format Commercial & Industrial Printer Black Ink	Component of printing inks
665	Bayer Material Science Pty Ltd	Macrolon 2600	Thermoplastic for moulding of plastic articles
668	Ammtec Ltd	WP-2	Ion-exchange resin
669	Purity Systems Inc		

20 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
866	Epson Australia Pty Ltd	2113	MJA-549(N)	Yes	Ink colourant for ink-jet printers
867	Atotech Australia Pty Ltd	3175	EXP-282	No	Additive used in hard chrome plating

21 CONTROLLED USE PERMIT (EXPORT ONLY)

The permits listed in Table 4 were issued to import or manufacture the following chemicals for export of the entire quantity under section 22F of the Industrial Chemicals (Notification and Assessment) Act 1989.

Table 4

Controlled Use Permit

Permit Number	Company Name	Postcode	Chemical and Trade Name	Hazardous Substances	Quantity KG/Year	Use	Period Approved Mths/Yr
011	IMCD Australia Limited	3170	Polyhexamethyl biguanide stearate	Yes	12 000 kg/yr	Ingredient in personal deodorants	3 yrs

22 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 5

Chemicals Eligible for Listing on the Australian Inventory of Chemical Substances

CHEMICAL NAME	MOLECULAR FORMULA	CAS NUMBER
Trichosporon kashiwayama, ext.	Unspecified	1201170-58-2
Fatty acids, C16-18 and C18-unsatd., branched and linear, polymers with branched 4-nonylphenol, formaldehyde, pentaerythritol, phenol and rosin	Unspecified	1201170-57-1
Rosin, maleated, polymers with branched 4-nonylphenol, p-tert-butylphenol, formaldehyde, and pentaerythritol	Unspecified	1201170-55-9
Fatty acids, C16-18 and C18-unsatd., branched and linear, polymers with formaldehyde, pentaerythritol, phenol and rosin	Unspecified	1201170-54-8
Fatty acids, C16-18 and C18-unsatd., branched and linear, polymers with branched 4-nonylphenol, formaldehyde, maleic anhydride, pentaerythritol, phenol and rosin	Unspecified	1201170-53-7
Fatty acids, C16-18 and C18-unsatd., branched and linear, polymers with formaldehyde, maleic anhydride, pentaerythritol, phenol and rosin	Unspecified	1201170-52-6
D-glucoside, eicosyl	$C_{26}H_{52}O_6$	100231-68-3
2-Butenedioic acid (2E)-, 1,4-dibutyl ester, polymer with butyl 2-propenoate	$(C_{12}H_{20}O_4.C_7H_{12}O_2)_x$	65802-09-7
Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy-, (2Z)-2-butenedioate	$C_4H_4O_4.x(C_2H_4O)_nH_2O$	37310-95-5
2-Pyrrolidinone, 1-(2-hydroxyethyl)-	$C_6H_{11}NO_2$	3445-11-2

23 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 6

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

CHEMICAL NAME	MOLECULAR FORMULA	CAS NUMBER
Resin acids and Rosin acids, esters with ethoxylated castor oil	Unspecified	357199-52-1
1,3-Benzenedicarboxylic acid, polymer with 1,4-benzenedicarboxylic acid, 1,3-dihydro-1,3-dioxo-5-isobenzofurancarboxylic acid, 1,2-ethanediol, 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 ₉ H ₄ O ₅ .C ₈ H ₆ O ₄ .C ₈ H ₆ O ₄ .C ₆ H ₁₀ O ₄ .(C ₃ H ₆ O) _n (C ₃ H ₆ O) _n C ₁₅ H ₁₆ O ₂ .C ₂ H ₆ O ₂ .(C ₂ H ₄ O) _n (C ₂ H ₄ O) _n C ₁₅ H ₁₆ O ₂) _x	1133422-69-1
1,2-Benzenedicarboxylic acid, polymer with 1,4-benzenedicarboxylic acid, 1,4-cyclohexanedicarboxylic acid, 2,2-dimethyl-1,3-propanediol and 2-ethyl-2-(hydroxymethyl)-1,3-propanediol	(C ₈ H ₁₂ O ₄ .C ₈ H ₆ O ₄ .C ₈ H ₆ O ₄ .C ₆ H ₁₄ O ₃ .C ₅ H ₁₂ O ₂).x	1186581-58-7

24 NOTICE OF AMENDMENTS TO THE AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES

Notice is given, in accordance with subsection 20(b) of the *Industrial Chemicals (Notification and Assessment) Act 1989* that the following amendments have been made to the Australian Inventory of Chemical Substances.

Table 7

Amendment to the Australian Inventory of Chemical Substances

The AICS contains the following listing:

CHEMICAL NAME	MOLECULAR FORMULA	CAS NUMBER
Nonane, heptamethyl- Associated Name: 2,2,4,4,6,8,8-Heptamethylnonane	C ₁₆ H ₃₄	27235-48-9

After amendment the AICS listing is:

CHEMICAL NAME	MOLECULAR FORMULA	CAS NUMBER
Nonane, heptamethyl-	C ₁₆ H ₃₄	27235-48-9
2,2,4,4,6,8,8-Heptamethylnonane	C ₁₆ H ₃₄	4390-04-9

The amendment is made to correct the associated name for Nonane, heptamethyl- (27235-48-9). The associated name represents a specific positional isomer and has its own unique CAS registry number 4390-04-9.

Hence, the associated name for CAS registry number 27235-48-9 has been deleted and the CAS registry number for 2,2,4,4,6,8,8-Heptamethylnonane (4390-04-9) has been included on the AICS.