



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 INCREASE IN NICNAS NEW CHEMICAL FEES AND CHARGES

From 1 July 2008 a 3.9% increase will apply to the National Industrial Chemicals Notification and Assessment Scheme (NICNAS) New Chemical fees and charges.

The increases for 2008-09 have been negotiated with and supported by industry through the NICNAS Industry Government Consultative Committee and approved by the Parliamentary Secretary to the Minister for Health and Ageing, Senator the Hon Jan McLucas.

Please note, all new chemicals applications submitted prior to 1 July 2008 but for which fees remain outstanding at this date, will incur the increased fees.

For applications submitted under the Submit Once Review Once system, payment of the remainder of the assessment fees must be lodged within 7 days of starting the assessment clock and will incur the 2008-09 fees if not paid before the 1 July 2008.

The Schedule of New Chemical fees and charges is as follows:

SCHEDULE OF CURRENT AND REVISED NEW CHEMICAL FEES AND CHARGES

	Current Price ^a \$	New Price ^a \$
<i>New Chemical fees</i>		
<i>Certificate Applications</i>		
Standard Assessment	14,970	15,554
Limited Assessment	12,539	13,028
Polymer of Low Concern	4,223	4,388
Application for Extension of Assessment Certificate	2,687	2,792
<i>Self-assessment Certificate Applications</i>		
Self-Assessment Application Non-hazardous chemical	8,982	9,332
Self-Assessment Application Non-hazardous polymer	7,523	7,816
Polymer of Low Concern (PLC) Self-Assessment Application	2,534	2,633
<i>Permit Applications</i>		
Commercial Evaluation (CEC) Permit Application	3,327	3,457
Commercial Evaluation (CEC) Renewal Application	657	683
Low Volume Chemical (LVC) Permit Application	3,327	3,457
Low Volume Chemical (LVC) Permit Renewal Application	657	683
Controlled Use Permit Application (Export Only)	3,327	3,457
Controlled Use Permit Application (Other)	3,327	3,457
Controlled Use Permit Renewal Application	657	683
Application for Early Introduction Permit (EIP)	640	665
Section 30 Permit Application	7,255	7,538

Other Applications

Secondary notification of new chemicals, other than a synthetic PLC	8,291	8,614
Secondary notification of a new chemical that is a synthetic PLC	3,583	3,723
Foreign Scheme - Standard Assessment Application	8,982	9,332
Foreign Scheme - Limited Assessment Application	7,523	7,816
Foreign Scheme – Polymer of Low Concern Application	2,534	2,633
Alternate State Law Application ^b	8,982	9,332

New Chemical Charges**New Chemical Assessment**

Variation of Schedule Data Requirements	1,184	1,230
Nomination of Foreign Scheme	6,153	6,393
Exempt Information	657	683
Application to Vary Assessment Report	657	683
Application to Vary Full Public Report	657	683

AICS

Confidential Listing of a New Industrial Chemical	1,316	1,367
Application to Retain Confidential Listing	1,774	1,843
Application for Early Non-confidential Listing with fee	657	683
Application to be a Holder of a Confidence	657	683
Transfer to Confidential listing	1,763	1,832

Notes:

- a) All NICNAS fees and charges are in Australian Dollars and are GST free. All amounts are rounded to nearest \$.
- b) Whilst fees have been set for this application, at present there are no Alternate State Laws in Australia.

- **For further information, please contact NICNAS on:**
 - Free call: 1800 638 528
 - Phone: (02) 8577 8800
 - Fax: (02) 8577 8888
 - Email: info@nicnas.gov.au
 - or visit our website at www.nicnas.gov.au

Please note that in some cases where applicable, a rebate amount is issued at the end of the assessment. All payment matters are normally communicated with the technical contact unless requested otherwise.

2 NEW DATA ON A PREVIOUSLY ASSESSED CHEMICAL

Huntsman Corporation Australia Pty Ltd (ABN 64 083 984 187) intends to manufacture Tersperse 4890 which, when manufactured, will contain 40% of a polymer previously assessed by NICNAS. The polymer is currently imported into Australia at 10 tonnes/year. The proposed volume of the polymer in Tersperse 4890 is 16 tonnes/year.

The additional information will be appended to the full public report of the previous assessment as follows:

The polymer in Tersperse 4890 will be manufactured at one site only at the Huntsman Surfactants Plant in Botany, NSW. Manufacture involves mixing of AICS listed reactants in a reactor. The polymer is formed in situ in the reactor, which is an enclosed system, evident from the reaction conditions and the size of the reactor used in manufacture. Processes following formation of the product, i.e. quality control testing, drumming and transport, are equivalent to those assessed for formulation in the original assessment. No public exposure will occur due to the export of the whole quantity.

Assessment of the potential exposure due to the proposed increase in volume of the polymer, manufacture of the polymer and new use information provided by Huntsman indicates that these scenarios would not result in a significant change to the occupational and public health and safety assessment previously conducted by NICNAS.

The environmental exposure assessment on the previously assessed polymer was based on an estimate of 200 kg/year of waste (50 kg/year from spills and 150 kg/year from equipment cleaning) from the manufacturing of the polymer to coatings and polymer dispersions, as well as 400 kg/year from in use releases. Releases from formulation processes will be contained for off-site disposal by a licensed waste contractor, while releases during use of products containing the chemical will be more widespread. Huntsman estimates 1% of the polymer (an additional 160 kg/year) in the manufacture of Tersperse 4890 will be released as waste from the equipment washings and will be contained for off-site disposal by a licensed waste contractor. No further release will occur as the manufactured Tersperse 4890 is for export purposes only. Based on the new information, no increase in environmental exposure will occur.

The additional data do not change the conclusions of the risk assessment published in the full public report of the previously assessed polymer, and therefore do not trigger a secondary notification, according to Section 64(2)(e) of the *Industrial Chemicals (Notification and Assessment) Act 1989*.

3 NEW DATA ON LUIVET CLEAR VP/METHACRYLAMIDE/VINYL IMIDAZOLE COPOLYMER (LTD/1283)

Luviset Clear (VP/Methacrylamide/Vinyl Imidazole Copolymer) was assessed by NICNAS as LTD/1283 and a public report was published in June 2007. BASF Australia Ltd recently submitted two additional reports, "Repeated Dose Toxicity Study in Wistar rats; Administration by gavage for 4 weeks" and "Determination of the inhibitory effect on the cell multiplication of unicellular green algae" for the notified chemical. These studies were not available at the time of assessment of VP/Methacrylamide/Vinyl Imidazole Copolymer as a new chemical.

BASF Australia Ltd also requested that the import volume be increased from a quantity in the range of 1 to 5 tonnes per annum to up to 5 tonnes per annum.

The proposed increase in volume and the findings of the additional studies provided do not change the conclusions of the risk assessment published in the Full Public Report for LTD/1283. The additional information will be appended to the Full Public Report for LTD/1283 as follows:

Study summary

A. Repeated dose toxicity

The study was performed according to the OECD TG 407 Repeated Dose 28-day Oral Toxicity Study in Rodents (July 1995) and the EC Directive 96/54/EEC (Sept 1996) B.7 Repeated Dose (28 Days) Toxicity (Oral). The study was conducted in groups of 5 male and 5 female Wistar rats at doses of 0 (vehicle control; drinking water), 100, 300 and 1000 mg/kg bw/day over a period of 28 days by oral gavage. The dose regimen was 7 days per week and the animals were sacrificed at the end of the administration period after a 16-20 hour fasting.

Results

No animal died prematurely in the study. No substance-related adverse effects were noted in clinical examination, food and water consumption, and food efficiency. Body weight changes were observed only in mid and high dose female animals with a significant body weight increase in high dose females. However, these were considered biologically irrelevant due to lack of effect on the terminal body weights.

Scattered deviations in functional and motor activity performance were observed at all doses in single animals in all treated and control groups without a dose-response relationship, and they were considered incidental.

Laboratory Findings – Clinical Chemistry, Haematology, Urinalysis

There was no substance-related adverse effect observed on haematology, clinical biochemistry or urinalyses at any dose.

Effects in Organs

Absolute weight increases of adrenal glands and ovaries observed in low dose and high dose females respectively, and relative weight decreases of the brain in low and high dose females were not histomorphologically correlative and thus they were considered incidental and biologically irrelevant. However, histopathology showed a slight increase in the number of high dose females (5/5) with a minimal or slight occurrence of basophilic tubules in the

kidney cortex, which also occurred in control female animals (2/5), and in lower dose treatment groups at similar levels to controls. Based on the available data it is uncertain whether this is a treatment related effect.

Conclusion

The No Observed Adverse Effect Level (NOAEL) was established as 300 mg/kg bw/day for female and 1000 mg/kg bw/day for male animals in this study, based on a slight occurrence of basophilic tubules in the kidney cortex.

Test Facility

BASF (2007) Repeated dose toxicity study in Wistar rats - Administration by gavage for 4 weeks. Project no. 30S0109/03093. Ludwigshafen/Rhein, Germany, BASF Aktiengesellschaft.

B. Determination of the acute toxicity to the algae *Desmodesmus subspicatus*

The study was performed according to the OECD Principles of Good Laboratory Practice (GLP) and the European and International Standard EN ISO/IEC 17025:2000. The test method was OECD Guideline for Testing of Chemicals, No. 201 Algal growth inhibition test, June 1984.

The test substance Luviset Clear, batch number A5/870 has a purity of 24.3 w/w-% or 75.7 w/w-% in water. No inhibitory effect was seen in the preliminary test, and therefore Luviset Clear was tested at only one concentration of 100 mg/L (nominal; limit test).

Exponentially growing algae (*Desmodesmus subspicatus* CHODAT SAG 86.81) were cultured under defined conditions for several generations and multiplication of cells was determined under the influence of the test substance in relation to an untreated control. A seed-culture of the test strain was grown to a final density of 208×10^4 cells/ml after incubation at 23 ± 2 °C for 4 days. A pre-culture was obtained from the seed-culture and incubated at 23 ± 2 °C for 3 days to a final cell density of 62×10^4 cells/ml. The inoculation density of 1×10^4 cells/ml was used for the control (replicates) and for the test concentration (100 mg/L).

The test substance was stirred in the test medium (pH 8.1) for about 10 minutes at 20 ± 2 °C. This stock solution had a concentration of 111.7 mg/L and was diluted to give a concentration of 100 mg/mL.

Mean fluorescence was determined at 0, 24, 48 and 72 h.

Results

The substance showed no inhibitory effect on the growth rate at the tested concentration. This indicates that the 72 h E_rC_{50} is greater than 100 mg/L.

Test Facility

BASF (2005). Determination of the inhibitory effect on the cell multiplication of unicellular green algae. Project no.60E0109/033054. Ludwigshafen/Rhein, Germany, BASF Aktiengesellschaft.

As the repeat dose toxicity and algal inhibition test as well as the increased import volume of up to 5 tonnes per annum do not change the conclusions of the risk assessment published in the Full Public Report for LTD/1283 of Luviset Clear (VP/Methacrylamide/Vinyl Imidazole Copolymer), these additional studies/information do not trigger a secondary notification, according to Section 64(2)(e) of the *Industrial Chemicals (Notification and Assessment) Act 1989*.

4 PUBLICATION SUMMARY REPORT

NEJI-18 polymer in Epson Ink Cartridge Summary Report Reference No: LTD/1339

Epson Australia Pty. Ltd. (ABN 91 002 625 783) of 3 Talavera Road, North Ryde, NSW 2113 has submitted a limited notification statement in support of their application for an assessment certificate for NEJI-18 polymer in Epson Ink Cartridge. The notified polymer is intended to be used in inkjet printer inks as a fixing agent at approximately 2.5%. Up to 1 tonne 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 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:

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

Recommendations

Control Measures

Occupational Health and Safety

- Specific engineering controls, work practices or personal protective equipment required for safe use 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 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:

Under Section 64(2) of the Act; if

- the function or use of the chemical has changed from used in inkjet printer inks as a fixing agent at approximately 2.5%, 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;
- if the chemical has begun to be manufactured in Australia;
- additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

No additional secondary notification conditions are stipulated.

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.

5 PUBLICATION SUMMARY REPORT

Tylose HX 8000 YP2 and Tylose HX 4000 YP2 Summary Report Reference No: LTD/1341

Admil Adhesives Pty Ltd (ABN 85 092 730 562) of 4 Carmen Street, Dandenong VIC 3175 has submitted a limited notification statement in support of their application for an assessment certificate for “Tylose HX 8000 YP2 and Tylose HX 4000 YP2”. The notified polymer is intended to be used as a thickener for architectural paints. 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 not classified as hazardous under the NOHSC *Approved Criteria for Classifying Hazardous Substances*.

and

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

Human Health Risk Assessment

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

When used in the proposed manner, the risk to the public is not considered to be unacceptable.

Environmental Risk Assessment

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

Recommendations

Control Measures

Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to the notified polymer as introduced, during weighing and addition to mixing vessels:
 - *Local exhaust ventilation*
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer as introduced, during weighing and addition to mixing vessels:
 - *Eye protection and dust mask*

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

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical in products intended for spray application:
 - *Spray painting should be carried out according to the NOHSC National Guidance Material For Spray Painting (NOHSC, 1999).*
- 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 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 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:

Under Section 64(1) of the Act; if

- the polymer has a number-average molecular weight (M_n) of less than 1000 Da.

or

Under Section 64(2) of the Act; if

- the function or use of the polymer has changed from a thickener for architectural paints, or is likely to change significantly;
- the amount of polymer being introduced has increased from 50 tonnes, or is likely to increase, significantly;
- if the chemical has begun to be manufactured in Australia;

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

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

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.

6 PUBLICATION SUMMARY REPORT

Polymer in 465-712 Summary Report Reference No: LTD/1344

Wattyl Australia Pty. Ltd. (ABN 40 000 035 914) of 4 Steel Street Blacktown NSW 2148 has submitted a limited notification statement in support of their application for an assessment certificate for Polymer in 465-712. The notified polymer is intended to be used in metal coatings of substrates such as the exteriors of railcars and tanks, and general engineering metal, including a small proportion (<1%) of use on bridges. Up to 30 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 in accordance with 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 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 during its manufacture and end use of products containing the notified polymer:
 - Prevent leaks and spills.
 - Spray booths during manual spray operations, when possible.
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified polymer during its manufacture and end use of products containing the notified polymer:
 - 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 during its manufacture and end use of products containing the notified polymer:
 - Gloves, safety glasses, safety shoes, coveralls.
 - Respiratory protection during outdoor spray operations.

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

- The notified polymer should be disposed of by authorised landfill, or licensed waste disposal.
- Spills or accidental release of the notified polymer should be handled by physically containing the spill using inert material (sand, earth, vermiculite) and preventing entry to drains or waterways. Absorb remaining material with inert material and collect residue. Place in suitable containers for disposal. Wipe or wash area, do not allow any run-off to enter drains.

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:

Under Section 64(1) of the Act; if

- the polymer has a number-average molecular weight of less than 1000;

or

Under Section 64(2) of the Act; if

- the function or use of the chemical has changed from use in metal coatings for substrates, or is likely to change significantly;
- the amount of chemical being introduced has increased from 30 tonnes per annum, 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 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.

7 PUBLICATION SUMMARY REPORT

Maxemul 5010 Summary Report Reference No: LTD/1347

Croda Singapore Pty Ltd Trading as Croda Australia (ABN 34 088 345 457) of 44-46 Mandarin Street Villawood NSW 2163 has submitted a limited notification statement in support of their application for an assessment certificate for Maxemul 5010. The notified polymer is intended to be used as a component of coatings and adhesives. Up to 30 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 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 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:
 - Local exhaust ventilation
 - Closed mixing vessels

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified polymer:
 - Use of spray paints containing the notified polymer should be in accordance with the NOHSC National Guidance Material for Spray Painting (NOHSC 1999)
 - Avoid contact with eyes.
 - Avoid contact with skin
 - Avoid inhalation

- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer:
 - Respiratory protection where appropriate

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:
 - Store in original containers away from sunlight.

Emergency procedures

- Spills/release of the notified polymer should be handled by absorption with sand, soil or sawdust and collected into suitable containers for disposal. The spillage area should be washed with water and detergents with all washings collected for adequate disposal. The notified polymer and formulations containing the notified polymer should not be allowed to enter drains, sewers or waterways.

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:

Under Section 64(1) of the Act; if

- the polymer has a number-average molecular weight of less than 1000;

or

Under Section 64(2) of the Act; if

- the function or use of the chemical has changed from a component of coatings and adhesives, or is likely to change significantly;
- the amount of chemical being introduced has increased from 30 tonnes per annum, or is likely to increase, significantly;
- if the chemical has begun to be manufactured in Australia;
- additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

Material Safety Data Sheet

The MSDS of 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.

8 PUBLICATION SUMMARY REPORT

Solplus K500 Summary Report Reference No: LTD/1348

Orica Australia Pty Ltd (ABN 99 004 117 828) of 1 Nicholson Street Melbourne VIC 3000 has submitted a limited notification statement in support of their application for an assessment certificate for Solplus K500. The notified polymer is intended to be used as a dispersing agent in industrial paints, plastisols and adhesives. Up to 1 tonne of the notified polymer will be imported per annum for each of the first five years.

Hazard Classification

The notifier has classified the notified polymer as hazardous based on its potential to cause skin and eye irritation and has applied the following risk phrases:

- R36 Irritating to eyes
- R38 Irritating to skin

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

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

Recommendations

Control Measures

Occupational Health and Safety

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified polymer as introduced:
 - Avoid skin and eye contact
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer as introduced:
 - Protective clothing
 - Safety glasses
 - Protective 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.

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:

Under Section 64(1) of the Act; if

- the polymer has a number-average molecular weight of less than 1000; or

or

Under Section 64(2) of the Act; if

- the function or use of the chemical has changed from a dispersing agent in industrial paints, plastisols and adhesives, or is likely to change significantly;
- the amount of chemical being introduced has increased from one tonne, or is likely to increase, significantly;
- if the chemical has begun to be manufactured in Australia;
- additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

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.

9 PUBLICATION SUMMARY REPORT

Permapol P2-805 Summary Report Reference No: LTD/1349

PPG Industries Australia Pty Ltd (ABN 82 055 500 939) of McNaughton Road, Clayton VIC 3163 has submitted a limited notification statement in support of their application for an assessment certificate for Permapol P2-805. The notified polymer is intended to be used as sealant for industrial glazier applications. Up to 3 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:

- Xi; R43 – May cause sensitisation by skin contact

Human Health Risk Assessment

Under the conditions of the occupational settings described, the notified polymer 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

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

Recommendations

Regulatory Controls

Hazard Classification and Labelling

- Use the following risk phrases for products/mixtures containing the notified chemical:
 - Concentration \geq 1% R43 May cause sensitisation by skin contact

Material Safety Data Sheet

- The following safety phrases should appear on the MSDS and label for the product containing the notified polymer:
 - S24 Avoid contact with skin
 - S36 Wear suitable protective clothing
 - S37 Wear suitable gloves

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:
 - Minimise spills and drips
 - Avoid skin and eye contact
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical as introduced:
 - Safety glasses with side shields
 - Protective gloves
 - Overalls

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

- As the notified polymer may be a skin sensitiser, employers should determine whether it is necessary to carry out health surveillance for any worker who has been identified in the workplace risk assessment as having a significant risk of skin sensitisation.
- Sensitised workers should be advised not to further handle the notified polymer.
- 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 by landfill.

Storage

- The following precautions should be taken regarding storage of the notified chemical:
 - Store in sealed containers and keep away from direct sunlight.

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:

Under Section 64(2) of the Act; if

- the function or use of the chemical has changed from an ingredient in insulating sealant products for industrial glass application, or is likely to change significantly;
- the amount of chemical being introduced has increased from up to 3 tonnes, or is likely to increase, significantly;
- if the chemical has begun to be manufactured in Australia;
- additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

No additional secondary notification conditions are stipulated.

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.

10 PUBLICATION SUMMARY REPORT

Polymer (Latemul PD-104 INT) in Emulsion A-200 Summary Report Reference No: LTD/1355

Kao (Australia) Marketing Pty Ltd (ABN: 59 054 708 299) of Suite 1, 1-5 Commercial Road Kingsgrove NSW 2208 has submitted a limited notification statement in support of their application for an assessment certificate for Polymer (Latemul PD-104 INT) in Emulsion A-200. The notified polymer is intended to be used as a polymerisation emulsifier in automotive paints. Up to 1 tonne 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 to the notified polymer:
 - Good ventilation.
 - Prevent leaks and spills.
 - Use of spray booths whenever possible.

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified polymer:
 - Avoid contact with eyes, skin and clothing.
 - Avoid breathing mists.
 - A shower station should be available.
 - 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:
 - Chemical resistant gloves, safety glasses, respiratory protection.
 - Chemical resistant clothing which protects the body, arms, legs and feet.

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.
- Consideration should be given as to the other ingredients present within products containing the notified polymer and any health effects that may result from such ingredients upon dermal absorption.

Environment

- The notified polymer should be disposed of by landfill.
- Small spills should be absorbed with sand, inert absorbent, waste cloth or sawdust. Large spills should be diked and disposed of in a safe area.

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:

Under Section 64(1) of the Act; if

- the polymer has a number-average molecular weight of less than 1000; or
- if the notified polymer is present in imported products at concentrations >2%;

or

Under Section 64(2) of the Act; if

- the function or use of the chemical has changed from a polymerisation emulsifier in automotive paints, 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;
- if the chemical has begun to be manufactured in Australia;
- additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

No additional secondary notification conditions are stipulated.

Material Safety Data Sheet

The MSDS of the imported 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

Carbopol Aqua CC Summary Report Reference No: LTD/1364

Lubrizol International Inc (ABN 52 073 495 603) of 28 River Street, Silverwater, NSW; Reckitt-Benckiser (Australia) Pty Ltd (ABN 17 003 274 655) of 44 Wharf Road, West Ryde NSW 2128 and Bronson and Jacobs Pty Ltd (ABN 81 000 063 249) of 70 Marple Avenue, Villawood NSW 2114 has submitted a limited notification statement in support of their application for an assessment certificate for 'Carbopol Aqua CC'. The notified polymer is intended to be used as a component of cosmetics including haircare products, skin cleansers and body lotions. Up to 6 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 polymer is not considered to pose a risk to the environment.

Recommendations

Regulatory Controls

Material Safety Data Sheet and Label

- The MSDS and label provided by the notifier should be amended as follows:
 - Algal Inhibition- 3.1 mg/L based on active constituent;
 - Waste Disposal- Dispose of by authorised landfill or licensed contractor;
 - Spill Procedures- Remove reference to "Do not dispose in landfill".

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:
 - Avoid contact with skin and contaminated clothing;
 - Avoid spills and splashing during use

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

Disposal

- The notified chemical should be disposed of by landfill.

Emergency procedures

- Spills or accidental release of the notified chemical should be handled by physical containment and prevent entry into sewers and waterways. Ventilate area if in confined or poorly ventilated area. Collect free liquid and re-use to the extent practicable or transfer to suitable containers for disposal. Absorb residue with inert material (vermiculite, sand etc) and place in containers for 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:

Under Section 64(1) of the Act; if

- the polymer has a number-average molecular weight of less than 1000;

or

Under Section 64(2) of the Act; if

- the function or use of the chemical has changed from an ingredient in low pH cosmetic formulations to act as a rheology modifier, or is likely to change significantly;
- the amount of chemical being introduced has increased from 6 tonnes, or is likely to increase, significantly;
- if the chemical has begun to be manufactured in Australia;
- additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

No additional secondary notification conditions are stipulated.

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.

12 PUBLICATION SUMMARY REPORT

FRM-3004 in LC67M Summary Report Reference No: LTD/1369

Brother International (Australia) Pty Ltd (ABN 17 001 393 835) of 7 Khartoum Road North Ryde NSW 2113 has submitted a limited notification statement in support of their application for an assessment certificate for FRM-3004 in LC67M. The notified chemical is intended to be used as a dye component of imported inkjet printer inks. 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 and based on the use pattern, the notified chemical is not considered to pose an unacceptable risk to the health of workers and the public.

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

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

Public Health

- The following measures should be taken by the suppliers of the printer cartridges to minimise public exposure to the notified chemical:
 - Printer cartridges containing the notified chemical should be labelled with the following safety direction: Avoid skin and eye contact with ink.

Disposal

- The notified chemical should be disposed of by 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:

Under Section 64(1) of the Act; if

- the importation volume exceeds one tonne per annum notified chemical; or
- the notified chemical is imported in any fashion other than within an inkjet ink cartridge.

or

Under Section 64(2) of the Act; if

- the function or use of the chemical intended as a component (< 4%) in inkjet printer inks, has changed from, 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;
- if the chemical has begun to be manufactured in Australia;
- additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

No additional secondary notification conditions are stipulated.

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.

13 PUBLICATION SUMMARY REPORT

**FRY-3001 in LC67Y
Summary Report
Reference No: LTD/1371**

Brother International (Aust.) Pty. Ltd. (ABN 17 001 393 835) of 7 Khartoum Road, North Ryde NSW 2113 has submitted a limited notification statement in support of their application for an assessment certificate for FRY-3001 in LC67Y. The notified chemical is intended to be used as a component (4% or less) of inkjet printer ink. Up to 1 tonne of the notified chemical will be imported per annum for each of the first five years.

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

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

Occupational Health and Safety

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

Public Health

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

Environmental Effects

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

RECOMMENDATIONS*Control Measures*

Occupational Health and Safety

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

Public Health

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

Disposal

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

Emergency procedures

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

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 regardless of whether the notified chemical has been listed on the Australian Inventory of Chemical Substances (AICS).

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

Under Section 64(1) of the Act; if

- the importation volume exceeds one tonne per annum notified chemical; or
- if the notified chemical is imported in any fashion other than within an inkjet ink cartridge.

or

Under Section 64(2) of the Act; if

- the function or use of the chemical, intended as a component (< 4%) in inkjet printer inks, has changed, or is likely to change significantly;
- the amount of chemical being introduced has increased, or is likely to increase, significantly;
- the chemical has begun to be manufactured in Australia;
- additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

14 PUBLICATION SUMMARY REPORT

FPC-200 Summary Report Reference No: STD/1250

Hewlett-Packard Australia Ltd (ABN 74 004 394 763) of 31-41 Joseph Street, Blackburn, VIC. 3130 Australia has submitted a standard notification statement in support of their application for an assessment certificate for FPC-200. The notified chemical is intended to be used as a component of inks for use in ink-jet printers. Less than 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 solution containing 20-30% of the notified chemical is not classified as hazardous under the *Approved Criteria for Classifying Hazardous Substances*. The notified chemical cannot be classified under the Criteria.

Human Health Risk Assessment

Under the conditions of the occupational settings and public uses described, the notified chemical is not considered to pose a risk to the workers and the general public.

Environmental Risk Assessment

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

Recommendations

Control Measures

Occupational Health and Safety

- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical in the imported ink cartridges:
 - Use of appropriate PPE by printer service technicians to avoid dermal exposure.

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

Environment

- The notified chemical should be disposed of to landfill in accordance with State/Territory waste disposal regulations.
- Spills/release of the notified chemical should be contained with an absorbent, inert material (soil, sand, sawdust, vermiculite) and collected in sealable, labelled containers for 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:

Under Section 64(1) of the Act; if

- the notified chemical is introduced at a concentration >30%.

or

Under Section 64(2) of the Act; if

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

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

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.

15 PUBLICATION SUMMARY REPORT

Cetiol Sensoft Summary Report Reference No: STD/1264

Cognis Australia Pty Ltd (ABN 87 006 374 456) of 4 Saligna Drive, Tullamarine, Melbourne, VIC 3043 has submitted a standard notification statement in support of their application for an assessment certificate for Cetiol Sensoft. The notified chemical is intended to be used as a component of cosmetic products. Up to 10 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 classification and labelling details are:

- Xi: R38 Irritating to skin

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

Regulatory Controls

Hazard Classification and Labelling

- The Office of the ASCC, Department of Employment and Workplace Relations (DEWR), should consider the following health hazard classification for the notified chemical:
 - Xi: R38 Irritating to skin
- Use the following risk phrases for products/mixtures containing the notified chemical:
 - $\geq 20\%$: risk phrases Xi: R38 Irritating to skin
- The following safety phrases should appear on the MSDS and label for the notified chemical:
 - S24: Avoid contact with skin
 - S37: Wear suitable gloves

Material Safety Data Sheet

- The MSDS provided by the notifier should be amended as follows:
 - In section 15 Regulatory information the risk phrase R38 Irritating to skin should be added.

Control Measures

Occupational Health and Safety

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical:
 - Avoid skin contact
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical:
 - Safety goggles or face shield, impervious gloves and 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.

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:

Under Section 64(1) of the Act; if

- the concentration of the chemical in cosmetic products exceeds 20%.

or

Under Section 64(2) of the Act; if

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

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

Material Safety Data Sheet

The MSDS of 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

**HPEXPF3NM
Summary Report
Reference No: STD/1282**

Hewlett-Packard Australia Pty Ltd (ABN 74 004 394 763) of 3 Richardson Place, North Ryde NSW 2113 has submitted a standard notification statement in support of their application for an assessment certificate for HPEXPF3NM. The notified chemical is intended to be used as a component in inks for commercial use. Up to ten 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 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

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

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical as introduced:
 - Avoid exposure to skin
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical as introduced:
 - Disposable 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.

Disposal

- The notified chemical should be disposed of by landfill.

Emergency procedures

- Spills or accidental release of the notified chemical should be handled by adsorbing with inert material (Vermiculite, sand, earth etc.) then collection and placing in suitable container for disposal.

Transport and Packaging

- Keep in a cool, dry location
- Keep container closed and away from extreme heat

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:

Under Section 64(2) of the Act; if

- the function or use of the chemical has changed from an ingredient within inks in commercial inkjet reprographic processes, or is likely to change significantly;
- the amount of chemical being introduced has increased from ten tonnes, or is likely to increase, significantly;
- if the chemical has begun to be manufactured in Australia;
- additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

No additional secondary notification conditions are stipulated.

Material Safety Data Sheet

The MSDS of 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.

17 PUBLICATION SUMMARY REPORT

CIM-03 Summary Report Reference No: STD/1290

Canon Australia Pty Ltd (ABN 66 005 002 951) of 1 Thomas Holt Drive North Ryde NSW 2113 has submitted a standard notification statement in support of their application for an assessment certificate for CIM-03. The notified chemical is intended to be used as a dye component of imported inkjet printer inks. Up to half a 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 and based on the use pattern, the notified chemical is not considered to pose an unacceptable risk to the health of workers and the public.

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

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

Public Health

- The following measures should be taken by the suppliers of the printer cartridges to minimise public exposure to the notified chemical:
 - Printer cartridges containing the notified chemical should be labelled with the following safety direction: Avoid skin and eye contact with ink.

Environment

Disposal

- The notified chemical should be disposed of by 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:

Under Section 64(1) of the Act; if

- the notified chemical is imported in any fashion other than within an inkjet ink cartridge.

or

Under Section 64(2) of the Act; if

- the function or use of the chemical intended as a component (< 2.5%) in inkjet printer inks, has changed from, or is likely to change significantly;
- the amount of chemical being introduced has increased from half a tonne per annum, or is likely to increase, significantly;
- if the chemical has begun to be manufactured in Australia;
- additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

No additional secondary notification conditions are stipulated.

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.

18 PUBLICATION SUMMARY REPORT

**CIM-05
Summary Report
Reference No: STD/1291**

Canon Australia Pty Ltd (ABN 66 005 002 951) of 1 Thomas Holt Drive, North Ryde NSW 2113 has submitted a standard notification statement in support of their application for an assessment certificate for CIM-05. The notified chemical is intended to be used as a component (7% or less) of inkjet printer ink. Up to 0.5 tonnes of the notified chemical will be imported per annum for each of the first five years.

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

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

Occupational Health and Safety

The notified chemical is expected to present an acceptable risk to occupational health and safety under the conditions of the occupational settings described.

Public Health

The notified chemical presents an acceptable risk to public health when used as a dye component of inkjet printer inks.

Environmental Effects

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

Recommendations*Control Measures*

Occupational Health and Safety

- A copy of the MSDS should be easily accessible to employees.
- Service personnel should wear cotton or disposable gloves during routine maintenance and repairs of inkjet printers.
- 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.

Public Health

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

Disposal

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

Emergency procedures

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

Secondary Notification

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

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

Under Section 64(1) of the Act; if

- the importation volume exceeds one tonne per annum notified chemical; or
- if the notified chemical is imported in any fashion other than within an inkjet ink cartridge.

Under Section 64(2) of the Act; if

- the function or use of the chemical as a component (7% or less) of inkjet printer ink has changed, or is likely to change significantly;
- the amount of chemical being introduced has increased, or is likely to increase, significantly;
- if the chemical has begun to be manufactured in Australia;
- additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

19 PUBLICATION SUMMARY REPORT

**CIM-04
Summary Report
Reference No: STD/1292**

Canon Australia Pty Ltd (ABN 66 005 002 951) of 1 Thomas Holt Drive, North Ryde NSW 2113 has submitted a standard notification statement in support of their application for an assessment certificate for CIM-04. The notified chemical is intended to be used as a component (7% or less) of inkjet printer ink. Up to 1 tonne of the notified chemical will be imported per annum for each of the first five years.

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

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

Occupational Health and Safety

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

Public Health

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

Environmental Effects

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

Recommendations*Control Measures*

Occupational Health and Safety

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

Public Health

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

Disposal

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

Emergency procedures

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

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 regardless of whether the notified chemical has been listed on the Australian Inventory of Chemical Substances (AICS).

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

Under Section 64(1) of the Act; if

- the importation volume exceeds one tonne per annum notified chemical; or
- if the notified chemical is imported in any fashion other than within an inkjet ink cartridge.

or

Under Section 64(2) of the Act; if

- the function or use of the chemical, intended as a component (< 7%) in inkjet printer inks, has changed, or is likely to change significantly;
- the amount of chemical being introduced has increased, or is likely to increase, significantly;
- the chemical has begun to be manufactured in Australia;
- additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

20 PUBLICATION SUMMARY REPORT

**CIM-02
Summary Report
Reference No: STD/1293**

Canon Australia Pty Ltd (ABN 66 005 002 951) of 1 Thomas Holt Drive, North Ryde NSW 2113 has submitted a standard notification statement in support of their application for an assessment certificate for CIM-02. The notified chemical is intended to be used as a dye component of imported inkjet printer inks. Up to half a tonne of the notified chemical will be imported per annum for each of the first five years.

Hazard Classification and Labelling

- The Office of the ASCC, Department of Employment and Workplace Relations (DEWR), should consider the following health hazard classification for the notified chemical:
 - Xi: R41 - Risk of serious damage to eyes
 - S24/25 Avoid contact with skin and eyes
 - S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
 - S37 Wear suitable gloves
 - S39 Wear eye/face protection
- Use the following risk phrases for products/mixtures containing the notified chemical:
 - Conc \geq 10%: R41
 - 5% \leq concentration < 10%: R36

Hazard Classification

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

- Xi: R41 - Risk of serious damage to eyes

Occupational Health and Safety

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

Public Health

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

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

Public Health

- The following measures should be taken by the suppliers of the printer cartridges to minimise public exposure to the notified chemical:
 - Printer cartridges containing the notified chemical should be labelled with the following safety direction: Avoid skin and eye contact with ink.

Disposal

- The notified chemical should be disposed of by 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:

Under Section 64(1) of the Act; if

- if the notified chemical is imported in any fashion other than within an inkjet ink cartridge.

or

Under Section 64(2) of the Act; if

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

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

No additional secondary notification conditions are stipulated.

21 PUBLICATION SUMMARY REPORT

Polymer in Solsperse 46000 Summary Report Reference No: PLC/746

Orica Australia Pty Ltd (ABN 99 004 117 828) of 1 Nicholson Street, Melbourne VIC 3000 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in Solsperse 46000. The notified polymer is intended to be used as a component of UV curable ink. The notified polymer will be used in highly pigmented resin-free dispersions and has applications in water based paints (automotive and industrial) and water based inks. Up to 30 tonnes 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 and when used in the proposed manner, the notified polymer is not expected to pose an unreasonable risk to workers and the public.

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.
- 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

- Store in a cool, dry well ventilated area.

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:

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

Under Section 64(2) of the Act; if

- the function or use of the notified polymer has changed from a component of UV curable ink, or is likely to change significantly;
- the amount of notified polymer being introduced has increased from 30 tonnes per annum, or is likely to increase, significantly;
- if 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.

No additional secondary notification conditions are stipulated.

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.

22 PUBLICATION SUMMARY REPORT

HH2540Gbase Summary Report Reference No: PLC/759

Toyo Ink Australia Pty Ltd (ABN 29 006 294 837) of 29 Garden Street, Kilsyth VIC 3137 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for HH2540Gbase. The notified polymer is intended to be used as a binder in rotary press and offset lithographic printing inks (< 40% notified polymer). Up to 150 tonnes 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 to landfill.

Storage

- Keep containers in a cool area.
- Keep away from sources of ignition.

Emergency procedures

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

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 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:

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

Under Section 64(2) of the Act; if

- the function or use of the notified polymer has changed from a binder in rotary press and offset lithographic printing inks (< 40% notified polymer), or is likely to change significantly;
- the amount of notified polymer being introduced has increased from 150 tonnes, or is likely to increase, significantly;
- if 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 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.

23 PUBLICATION SUMMARY REPORT

Polymer in NeoRez U-410 Summary Report Reference No: PLC/764

Reschem Technologies Pty Ltd (ABN 90 315 656 219) of 2 Georgina Ave, Elanora Heights NSW 2101 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for 'Polymer in NeoRez U-410'. The notified polymer is intended to be used as a film-forming resin component used in flexo- and gravure printing inks. Up to 100 tonnes 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.
- 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 by transport, warehouse and manufacturing workers regarding storage of the notified polymer:
 - Ensure it is stored in sealed containers in a cool, dry, ventilated location.

- Keep away from extreme heat

Emergency procedures

- Spills and/or accidental release of the notified polymer should be handled by absorbing with inert material (e.g. vermiculite) then placed in a suitable container. Dispose according to local, state, and federal regulations.

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 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:

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,

Under Section 64(2) of the Act; if

- the function or use of the notified polymer has changed from a film-forming resin component used in flexo- and gravure printing inks, or is likely to change significantly;
- the amount of notified polymer being introduced has increased from 100 tonnes per annum, or is likely to increase, significantly;
- if 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.

24 PUBLICATION SUMMARY REPORT

Polymer in NeoRez U-335 Summary Report Reference No: PLC/765

Reschem Technologies Pty Ltd (ABN 90 315 656 219) of 2 Georgina Ave, Elanora Heights NSW 2101 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for 'Polymer in NeoRez U-335'. The notified polymer is intended to be used as a film-forming resin component used in flexo- and gravure printing inks. Up to 100 tonnes 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.
- 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 by transport, warehouse and manufacturing workers regarding storage of the notified polymer:
 - Ensure it is stored in sealed containers in a cool, dry, ventilated location.

- Keep away from extreme heat

Emergency procedures

- Spills and/or accidental release of the notified polymer should be handled by absorbing with inert material (e.g. vermiculite) then placed in a suitable container. Dispose according to local, state, and federal regulations.

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 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:

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

Under Section 64(2) of the Act; if

- the function or use of the notified polymer has changed from a film-forming resin component used in flexo- and gravure printing inks, or is likely to change significantly;
- the amount of notified polymer being introduced has increased from 100 tonnes per annum, or is likely to increase, significantly;
- if 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.

25 PUBLICATION SUMMARY REPORT

**XZ 91419 Anion Exchange Resin
Summary Report
Reference No: SAPLC/82**

Dow Chemical (Australia) Ltd (ABN 72 000 264 979) of 541-583 Kororoit Creek Road Altona VIC 3018 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for XZ 91419 Anion Exchange Resin. The notified polymer is intended to be used as an ion-exchange resin in the mining industry. Up to 100 tonnes of the notified polymer will be imported per annum for each of the first five years.

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

The result of an acute oral toxicity test on the notified polymer indicated an LD₅₀ > 5,000 mg/kg bw (rat, female). No other toxicological data were submitted. The notified polymer meets the PLC criteria and can therefore be assumed to be of low hazard.

Occupational Health and Safety

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

Public Health

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

Environmental Effects

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

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

- No specific engineering controls, work practices or personal protective equipment are required for the safe use of the notified polymer itself, however, these should be selected on the basis of all ingredients in the formulation.
- Guidance in selection of personal protective equipment can be obtained from Australian, Australian/New Zealand or other approved standards.
- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the NOHSC *Approved Criteria for Classifying Hazardous*

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

Environment

- The following control measures should be implemented by the user to minimise environmental exposure to the notified polymer:
 - Column loading/unloading should be undertaken in a contained area only.

Disposal

- The notified polymer should be disposed of to landfill.

Emergency procedures

- Spills/release of the notified polymer should be handled by containment and collected manually or by vacuum.

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 polymer, 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:

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

Under Section 64(2) of the Act; if

- the function or use of the polymer has changed from use as an ion-exchange resin in the mining industry, or is likely to change significantly;
- the amount of polymer being introduced has increased from 100 tonnes per annum, 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.

26 PUBLICATION SUMMARY REPORT

**Geniosil STP-10
Summary Report
Reference No: SAPLC/84**

Wacker Chemie GmbH (ABN 11 607 113 062) of 18/20 Duerdin St, Clayton North VIC 3168 has submitted a polymer of low concern (PLC) notification statement in support of their application for a self-assessed assessment certificate for Geniosil STP E-10. The notified polymer is intended to be used as a reactive binder in sealants and adhesives. Up to 50 tonnes of the notified polymer will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS**Occupational Health and Safety**

The notified polymer meets the PLC criteria and is therefore assumed not to pose an unacceptable risk to occupational health and safety under the conditions of the occupational settings described.

Public Health

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

Environmental Effects

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

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

Environment

- Prevent material from entering surface waters, drains or sewers and soil.
- Contain any fluid that runs out using suitable material (e.g. earth).
- Retain contaminated water/extinguishing water.
- Dispose of in prescribed marked containers.

Disposal

- The notified polymer should be disposed of by incineration in a special waste incinerator.
- Completely discharge containers (no tear drops, scraped carefully). Containers may be recycled or re-used.

Storage

- Keep away from incompatible substances (i.e. water or protic substances, will form methanol (in small amounts)).
- Protect against moisture. Store in original container only. Keep container tightly closed and store in a cool, well-ventilated place.

Emergency procedures

- Do not flush away with water.
- For small amounts: Absorb with a liquid binding material such as diatomaceous earth and dispose of according to local/state/federal regulations.
- Contain larger amounts and pump into suitable containers.
- Clean any slippery coating that remains using a detergent / soap solution or another biodegradable cleaner.
- Use exhaust ventilation to remove vapours.

Regulatory Obligations

Secondary Notifications

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:

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

Under Section 64(2) of the Act; if

- the function or use of the polymer has changed from a binding agent used in adhesives and sealants;
- the amount of polymer being introduced has increased from 50 tonnes per annum, 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 notifier has provided MSDS as part of the notification statement. The accuracy of the information on the MSDS remains the responsibility of the applicant.

27 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.

28 LOW VOLUME CATEGORY PERMITS

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

Table 1
Low Volume Category Permits

PERMIT NUMBER	COMPANY NAME	COMPANY POSTCODE	CHEMICAL OR TRADE NAME	HAZARDOUS SUBSTANCE	USE	DATE
809	Tigi Australia Pty Ltd	2065	2,4-Diaminophenoxy-ethanol sulfate	Yes	Component of an oxidative hair dye formulation	22/04/08
810	International Flavours & Fragrances (Australia) Pty Ltd	3175	Alpinia Oil A	Yes	Fragrance ingredient	14/05/08
811	Symrise Pty Ltd	2099	1-Pentand, 2-mercapto-2-methyl	Yes	Fragrance ingredient	19/05/08

29 COMMERCIAL EVALUATION CATEGORY PERMIT

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

Table 2
Commercial Evaluation Category Permits

PERMIT NUMBER	COMPANY NAME	COMPANY POSTCODE	CHEMICAL OR TRADE NAME	HAZARDOUS SUBSTANCE	QUANTITY	USE	PERIOD APPROVED
721	Qenos Pty Ltd	3018	Component of UT-B2 Trim	Yes	4000 kg	Catalyst for polyethylene production	2 yrs
722	Qenos Pty Ltd	3018	Component of BMC-200	Yes	4000 kg	Catalyst for polyethylene production	2 yrs
723	Pacific Resins Pty Ltd	2226	Chemical in Additol® XL270	ND	2000 kg	Component of paint for industrial outdoor applications	30/04/08
724	Sigma Aldrich Pty Ltd	2154	1,3,2-Dioxoborolane, 4,4,5,5-tetramethyl-	Yes	800 kg	Synthesis of boronic esters	14/05/08

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

30 EARLY INTRODUCTION PERMITS FOR NON-HAZARDOUS INDUSTRIAL CHEMICALS

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

Table 3

Early Introduction Permits

PERMIT NUMBER	COMPANY NAME	CHEMICAL OR TRADE NAME	USE
542	Panasonic Australia Pty Ltd	Polymer in toner for DQ-TU24D, DQ-TU35D	Additive in photocopier toner
553	Orica Australia Pty Ltd	Polymer 2 in Autospeed Paint	Polymer in paints for spray-painting
554	Orica Australia Pty Ltd	Polymer 4 in Autospeed Paint	Polymer in paints for spray-painting
555	Orica Australia Pty Ltd	Polymer 3 in Autospeed Paint	Polymer in paints for spray-painting
556	Orica Australia Pty Ltd	Polymer 5 in Autospeed Paint	Polymer in paints for spray-painting
557	Orica Australia Pty Ltd	Polymer 6 in Autospeed Paint	Polymer in paints for spray-painting
558	Orica Australia Pty Ltd	Polymer 1 in Autospeed Paint	Polymer in paints for spray-painting

31 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 Months
009	Cytec Australia Holdings Pty Ltd	2153	Reagent S-10241 Promoter	Yes	8000 kg	Froth flotation reagent used in mineral processing	12

32 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
hexanedioic acid, polymer with butanedioic acid, 1,4-butanediol (2E)-2-butenedioic acid, 1,3-dihydro-1,3-dioxo-5-isobenzofurancarboxylic acid, 1,2-ethanediol and 1,6-hexanediol	$(C_9H_4O_5.C_6H_{14}O_2.C_6H_{10}O_4.C_4H_{10}O_2.C_4H_6O_4.C_4H_4O_4.C_2H_6O_2)_x$	339340-62-4
2-Propenoic acid, 2-methyl-, 2-ethylhexyl ester, polymer with ethenylbenzene, 2-hydroxyethyl 2-methyl-2-propenoate, 1,2-propanediol mono(2-methyl-2-propenoate) and rel-(1R,2R,4R)-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl 2-methyl-2-propenoate, tert-Bu ethaneperoxoate-initiated	Unspecified	573987-01-6
Propanoic acid, 2,3,3,3-tetrafluoro-2-(trifluoromethyl)-, 1,1'-anhydride, reaction products with di-Et sulfate and potassium fluoride	Unspecified	1017237-71-6
Neodecanoic acid, oxiranylmethyl ester, polymer with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol and hexahydro-1,3-isobenzofurandione	$(C_{13}H_{24}O_3.C_8H_{10}O_3.C_6H_{14}O_3)_x$	154565-28-3
2-Propenoic acid, 2-methyl-, methyl ester, polymer with 2-propenoic acid, sodium 2-methyl-2-propene-1-sulfonate and sodium 4-[(2-methyl-2-propenyl)oxy] benzenesulfonate, sodium salt	$(C_{10}H_{12}O_4S.C_5H_8O_2.C_4H_8O_3S.C_3H_4O_2.2 Na)_x . x Na$	331955-28-3
Fatty acids, sunflower-oil, conjugated, polymers with maleic anhydride, polyethylene glycol ether with (Z)-2-2'-(9-octadecynylimino)bis[ethanol](2:1) and tall-oil fatty acids	Unspecified	222716-15-6

Siloxanes and Silicones, di-Me, 3-(4-hydroxy-3-methoxyphenyl)propyl group-terminated, polymers with bisphenol A, carbonic dichloride and 4-(1-methyl-1-phenylethyl)phenol	Unspecified	202483-49-6
Hexane, 1,6-diisocyanato-, homopolymer, polyethylene-polypropylene glycol monobutyl ether-blocked	Unspecified	125252-47-3
1,4-Benzenedicarboxylic acid, polymer with 1,3-dihydro-1,3,1,3-dioxo-5-isobenzofurancarboxylic acid, hexandioic acid, alpha, alpha'-[(1-methylethylidene) di-4,1-phenylene]bis[omega-hydroxypoly(oxy-1,2-ethandiyl)] and alpha, alpha'-[(1-methylethylidene) di-4,1-phenylene]bis[omega-hydroxypoly[oxy(methyl-1,2-ethandiyl)]]	(C ₉ H ₄ O ₅ .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 ₄ O) _n (C ₂ H ₄ O) _n C ₁₅ H ₁₆ O ₂) _x	112618-79-8
Siloxanes and Silicones, di-Me, Me hydrogen, reaction products with polyethylene glycol mono-Me ether and polypropylene glycol mono-Bu ether	Unspecified	162567-97-7
2-Propenoic acid, 1,1'-[oxybis(2,1-ethanediyl-oxy-2,1-ethandiyl)] ester, polymer with 2-propenamide and sodium 2-methyl-2-[(1-oxo-2-propen-1-yl)amino]-1-propanesulfonate (1:1)	(C ₁₄ H ₂₂ O ₇ .C ₇ H ₁₃ NO ₄ S.C ₃ H ₅ NO.Na) _x	1016162-49-4
2-Propenoic acid, 2-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]ethyl ester, telomer with 3-mercapto-1,2-propanediol, polymer with 2-methyloxirane polymer with oxirane di-2-propenoate, and 2-methyloxirane polymer with oxirane mono-2-propenoate, tert-Bu 2-ethylhexaneperoxoate-initiated	Unspecified	1017237-78-3
Ethanol, 2,2'-(9-octadecen-1-ylimino)bis-, reaction products with ammonium molybdenum oxide and polyethylene glycol ether with 2,2'-(9-octadecen-1-ylimino)bis[ethanol]	Unspecified	1017237-79-4

33 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
Siloxanes and silicones, 3-aminopropyl Me, di-Me, reaction products with 2-ethyl-4,5-dihydrooxazole homopolymer, Et sulfates	Unspecified	165445-18-1