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Australian Government

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

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

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1 SECONDARY NOTIFICATION OF OLOA 270

In accordance with section 65(2) of the *Industrial Chemicals (Notification and Assessment) Act, 1989* (the Act), as amended, notice is given that the Director requires the secondary notification of the existing chemical OLOA 270.

Additional Studies Available for OLOA 270

OLOA 270 was assessed as a new industrial chemical (NA/889) and a report published in March 2001. The assessment recommended that the chemical be classified as a skin sensitiser with the risk phrase R43. Since the publication of the NICNAS report, Oronite Australia Pty Limited, has made available to the Director, additional data on reproductive toxicity. This information includes a two generation reproduction study in the rat.

Reasons for Secondary Notification

The Director has decided that a secondary notification for OLOA 270 is required because the additional data now provided has relevance to the hazardous nature of the chemical as determined under the NOHSC framework for Hazardous Substances in the Workplace.

Requirement to apply for secondary notification

In accordance with section 65(3) of the Act, an application for secondary notification must be made by all persons who introduce OLOA 270 into Australia, either by import or manufacture. There is a penalty for failure to comply with the requirement for secondary notification. The penalty for non-compliance may include prohibition from further importation or manufacture.

Application for secondary notification and information required

Secondary notification must be made to the Director by means of an application for secondary notification assessment for an existing chemical, accompanied by any information relevant to an assessment of OLOA 270 which was not originally covered in the March 2001 assessment report.

In addition importers must provide information on the following:

- any information on assessments/reviews of OLOA 270 conducted by overseas regulatory authorities.
- annual quantities of the chemical imported (as 'pure' OLOA 270 and/or in products/mixtures) in the calendar years 2004, 2005 and 2006 to date along with the concentrations of OLOA 270 in the products/mixtures and the product names; and, the quantities proposed to be imported during the remainder of 2006,
- annual quantities of the chemical which have been formulated into products/mixtures by the applicant in the calendar years 2004, 2004 and 2006 to date, the concentration of OLOA 270 in these products/mixtures and the product names; and, quantities proposed to be formulated during the remainder of 2006,
- known uses or potential uses of OLOA 270;

- methods used or proposed to be used in handling, storing, formulation with and disposal of OLOA 270;
- copies of Material Safety Data Sheets (MSDS) and labels for OLOA 270 and its products;
- any unpublished studies relevant to human and environmental toxicity and risks associated with OLOA 270 and any other published and unpublished information relevant to the assessment. If data are provided on analogue chemicals as being relevant to OLOA 270, supportive data to justify the relevance of analogue data must also be provided;
- contact details of the persons to whom OLOA 270 or products/mixtures containing OLOA 270 have been supplied and/or those to whom it is intended to supply OLOA 270 or products/mixtures containing OLOA 270. This is important information which enables NICNAS to contact downstream users for information necessary for assessment. Customer lists are kept confidential.

The secondary notification application form can be found on the NICNAS website at: http://www.nicnas.gov.au/forms/Existing_Chemicals/Form1a_SN_PEC_PDF.pdf.

An application that some or all of this information should be exempt from publication may be made by applying under section 75 of the Act, and using the approved form which can be found at: http://www.nicnas.gov.au/forms/Existing_Chemicals/form3_PDF.pdf.

Applications must be received no later than 31 October 2006.

Additional persons with relevant information

In addition to the requirement to apply for secondary notification, any persons with information relevant to the assessment of OLOA 270 which was not originally covered in the March 2001 assessment report are encouraged to submit the information for consideration. A copy of the assessment report (NA/889) can be found on the NICNAS website at : <http://www.nicnas.gov.au/PUBLICATIONS/CAR/NEW/NA/NASUMMR/NA0800SR/na889.asp>

Information collected by NICNAS may be provided to State, Territory or Commonwealth regulatory agencies for the purposes of monitoring compliance under relevant legislation. All information collected is treated in accordance with strict confidentiality guidelines and in compliance with the *Privacy Act 1988*.

Applicants are requested to contact Stephen Zaluzny by telephone (02) 8577 8883, fax: (02) 8577 8888 or e-mail: stephen.zaluzny@nicnas.gov.au for further information.

THE AUSTRALIAN SAFETY AND COMPENSATION COUNCIL

2 DRAFT WORKPLACE HAZARDOUS CHEMICALS DOCUMENTS – PUBLIC COMMENT

As part of the development of the new **Workplace Hazardous Chemicals Framework**, the Australian Safety and Compensation Council (ASCC) invites your comments on the following draft documents:

- *Draft National Standard for the Control of Workplace Hazardous Chemicals;*
- *Draft National Code of Practice for the Control of Workplace Hazardous Chemicals;* and the
- *Draft Regulation Impact Statement—Proposed Revisions to the National OHS Framework for the Control of Workplace Hazardous Substances and Dangerous Goods.*

These documents are available, with a Public Discussion Paper, free of charge, from the ASCC website at <http://www.ascc.gov.au/>.

If you are not able to download the documents they can be provided on CD-ROM or a limited number of printed copies will be made available. Please place your request for a CD-ROM or printed materials by:

- Telephoning freecall 1800 552 488
- Emailing chemicals@dewr.gov.au
- Faxing (02) 6276 8733

Include your name and postal address and which document/s you are requesting.

Public comment for these documents closes on **1 February 2007**.

The ASCC leads and coordinates national efforts to promote best practice in occupational health and safety (OHS), improve workers' compensation arrangements and improve rehabilitation and return to work of injured workers.

3 RENEWAL OF PERMITS – A REMINDER

Commercial Evaluation Permit (CEC), Low Volume Chemical (LVC) Permit, and Controlled Use Permit¹ renewals were introduced in 2004 under the *Industrial Chemical (Notification and Assessment) Act 1989*.

Permit renewals enable existing permit holders to renew their permits provided the existing permit is current and the function or use of the chemical has not changed and is not likely to change significantly. This reform has resulted in significant financial savings to industry.

A full list of the conditions that must be met is outlined in the Handbook for Notifiers, Section II (6.7) at http://www.nicnas.gov.au/Publications/NICNAS_Handbook.asp. NICNAS also published a Notice in the *Chemical Gazette* (December 2005) to address some of the common questions regarding permit renewals including *how* and *when* to apply for a permit renewal.

The purpose of this Notice is to assist industry in ensuring compliance with the legislation and saving on the cost of submitting a new permit application and time to market.

NICNAS advises all current permit holders that the renewal application forms should be lodged **no earlier than three months and no later than two weeks before the current permit expires**. If the permit has already expired, you will need to submit a new application. Permit renewals are only valid where the original permit has not expired.

¹ We have also recently introduced a new permit category called Controlled Use (Export Only) Permit

4 PUBLICATION SUMMARY REPORT

Polymer in RCP-29668 Summary Report Reference No: LTD/1229

DuPont (Australia) Ltd (ABN 59 000 716 469) of 168 Walker Street North Sydney NSW 2060 has submitted a limited notification statement in support of their application for an assessment certificate for Polymer in RCP-29668. The notified polymer is intended to be used as a resin in automotive paints. Up to 30 tonnes of the notified polymer will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

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

Occupational Health and Safety

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

Public Health

There is No Significant Concern to public health when used as an ingredient in paint formulations for the automotive industry.

Environmental Effects

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

RECOMMENDATIONS

Control Measures

Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to formulations containing the notified polymer:
 - Mechanically assisted transfer procedures when emptying the polymer resin solution into the mixer.
 - Local exhaust ventilation during the manufacture of paint products.
 - Spray painting booths fitted with an exhaust/filter system during end-use spray painting.
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to formulations containing the notified polymer:

- Air-fed respirators (if necessary), face shields, gloves, and protective suits during spray painting 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 polymer are classified as hazardous to health in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances*, workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Environment

Disposal

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

Emergency procedures

Spills or accidental release of the notified polymer should be handled by physical containment using inert adsorbent (vermiculite sand etc.), with subsequent disposal.

Secondary Notification

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

Under Section 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

No additional secondary notification conditions are stipulated.

5 PUBLICATION SUMMARY REPORT

Polymer in Liquitint® Aquamarine Summary Report Reference No: LTD/1250

Walk Off Mats Asia Pacific P/L, (ABN: 14 002 708 830) of U7/95 O'Sullivan Beach Rd., Lonsdale South Australia, 5160 and Albright & Wilson (Australia) Ltd, (ABN: 36 004 234 137) of 22 Davis Rd, Wetherill Park, New South Wales, 2164 has submitted a limited notification statement in support of their application for an assessment certificate for Polymer in Liquitint® Aquamarine. The notified polymer is intended to be used as a colorant (<1% notified polymer) in industrial and household cleaners and laundry products. Less than 1 tonnes of the notified polymer will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

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

Occupational Health and Safety

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

Public Health

There is No Significant Concern to public health when used in household cleaning products as described.

Environmental Effects

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

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 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:
 - Wear suitable protective clothing
 - Wear suitable gloves
 - Wear safety glasses

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

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

Disposal

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

Emergency procedures

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

Secondary Notification

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

Under 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 any of the circumstances listed in the subsection arise.

The Director will then decide whether secondary notification is required.

6 PUBLICATION SUMMARY REPORT

Polymer in Crepetrol X-Cel Summary Report Reference No: LTD/1257

Nuplex Industries (Aust) Pty Ltd (25 000 045 572) of 49-61 Stephen Road, Botany, NSW, 2019 has submitted a limited notification statement in support of their application for an assessment certificate for Polymer in Crepetrol X-Cel. The notified polymer is intended to be used as a creping agent in tissue manufacture. Up to 75 tonnes of the notified polymer will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

Based on the available data, the notified polymer is not classified as a hazardous substance for acute toxicity in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances* (NOHSC 2004). Toxicological data was not available for the other endpoints. The polymer has a high number average molecular weight (Mn) of >1000, and low levels of low molecular weight species, and is unlikely to cross biological membranes. However, since the notified polymer is a polyamine epoxy resin, it may possess irritant and sensitising properties.

The notified polymer is considered to be very toxic to aquatic life.

Occupational Health and Safety

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

Public Health

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

Environmental Effects

On the basis of the PEC/PNEC ratio, and with exception to release from the mill at Millicent, South Australia, the notified polymer is not expected to pose an unacceptable risk to the environment based on the notified use pattern. On the basis of the PEC/PNEC ratio, discharge of the notified polymer in effluent from the mill at Millicent, South Australia, is expected to pose an unacceptable risk to the environment based on the notified use pattern, and it is therefore recommended that the notified polymer is not discharged to the aquatic environment from this mill. Also, on the basis of the PEC/PNEC ratio, there is an unacceptable risk to the environment where discharge to rivers occurs, based on the proposed volumes and use patterns.

RECOMMENDATIONS

Control Measures

Occupational Health and Safety

- Employers should implement the following isolation and engineering controls to minimise occupational exposure to the notified polymer as imported or manufactured, and as used in the manufacture of toilet tissue:
 - Local exhaust ventilation should be used if inhalation exposure may occur;
 - Enclosure of the spray area at the tissue manufacturing site.
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified polymer as imported or manufactured, and as used in the manufacture of toilet tissue:
 - Avoid skin and eye contact
 - Avoid spills, splashes and aerosol generation that would increase exposure;
 - At the tissue manufacturing site, workers should not unnecessarily enter areas where dermal or inhalation exposure is likely.
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer as imported or manufactured, and as used in the manufacture of toilet tissue:
 - Coveralls,
 - Impervious gloves
 - Eye protection
 - Respiratory protection where inhalation exposure including exposure to aerosols may occur.

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

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

Environment

- The following concentration limits should be implemented by any manufacturer or user for release of the notified chemical to the aquatic environment:
 - The concentration of notified polymer within the aquatic environment should not exceed 0.04 µg/L.

Disposal

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

Emergency procedures

- Spills or accidental release of the notified chemical should be handled by physical containment, collection and subsequent safe disposal. Release in concentrated form to the aquatic environment should be prevented

Secondary Notification

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

Under Section 64(1) of the Act; if

- Release to fresh water (river or lake) is proposed

or

Under Section 64(2) of the Act:

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

The Director will then decide whether secondary notification is required. Where release to fresh water is proposed, ecotoxicity testing for algae, supporting data for the binding of the notified polymer to paper fibres, and removal of the notified polymer during sewage treatment will be required.

7 PUBLICATION SUMMARY REPORT

Component of EC1118A / Component of FX2363 / Component of EC1477A Summary Report Reference No: STD/1162

Nalco Australia Pty Ltd (ABN: 41 000 424 788) of 2 Anderson Street, Banksmeadow, NSW, 2019 has submitted a standard notification statement in support of their application for an assessment certificate for Component of EC 1118A / Component of FX 2363 / Component of EC 1477A. The notified chemical is intended to be used as a pipeline chemical for industrial applications such as oil and gas production. The product EC 1118A containing the notified chemical is imported into Perth and repacked in WA. The products EC 1477A and FX 2363 containing the notified chemical will be manufactured in NSW. The notified chemical is used in floating off-shore oil and gas production facilities in Western Australia. Up to 20 tonnes of the notified chemical will be introduced per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

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

- R34 Causes burns
- R41 Risk of serious damage to eyes (The risk of severe damage to eyes is considered implicit and the risk phrase R41 is not included on the label).

On the basis of the skin sensitising potential of structurally related chemicals the notified chemical is classified as R43 (May cause sensitisation by skin contact) as a precautionary measure.

The notified chemical may be toxic to aquatic life with long lasting effects.

Occupational Health and Safety

There is Moderate Concern to occupational health and safety due to the corrosive potential of the notified chemical. This concern is mitigated by the largely automated processes described and the use of PPE to limit skin and eye contact.

Public Health

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

Environmental Effects

On the basis of the PEC/PNEC ratio, the chemical may pose a risk to the environment based on the notified use pattern. The following further actions should be considered:

- Limiting the use of the notified chemical in EC1118A to 4.4 tonnes at any FPSO or other oil production facility with direct ocean discharge; and

- FX2363 and EC1477A being water based products should not be used in any applications where there is direct ocean discharge.

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:
 - R34 Causes burns
 - R41 Risk of serious damage to eyes (The risk of severe damage to eyes is considered implicit and the risk phrase R41 is not included on the label).
- On the basis of the skin sensitising potential of structurally related chemicals, the notifier should also give the notified chemical the following additional health hazard classification:
 - R43 May cause sensitisation by skin contact
- Use the following risk phrases for products/mixtures containing the notified chemical:
 - $\text{conc} \geq 5\%$: R34; R43
 - $1\% \leq \text{conc} < 5\%$: R36/37/38; R43
 - $0.5\% \leq \text{conc} < 1\%$: R36/37/38
- The notified chemical should be classified as follows under the ADG Code:
 - Class 8 Corrosive substances

Health Surveillance

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

Control Measures

Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to the notified chemical as introduced:
 - Use of automated processes where possible
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical as introduced:
 - Avoid skin and eye contact
 - In case of contact with eyes, rinse immediately with plenty of water
 - After contact with skin, wash immediately.
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical as introduced:

- Coveralls
- Impervious gloves
- Eye protection

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

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

Disposal

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

Emergency procedures

- Spills or accidental release of the notified chemical should be handled by physical containment such as diking using adsorbent material (diatomaceous earth sand etc.). Prevent entry of the chemical into waterways. Reclaim as far as practicable, and then soak up residue with adsorbent material for disposal.

Secondary Notification

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

Under Section 64(1) of the Act; if

- Greater than 4.4 tonnes of the notified chemical in EC1118A is used at any FPSO or other oil production facility with direct ocean discharge; and
- FX2363 and EC1477A are used in any FPSO or oil production facility where there is direct ocean discharge.

or

Under Section 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

8 PUBLICATION SUMMARY REPORT

Polymer in Superfloc TF 8000 Flocculant Summary Report Reference No: PLC/642

Cytec Australia Holdings Pty Ltd (ABN 45 081 148 629) of Suite 1, Level 1 Norwest Quay, 21 Solent Circuit, Norwest Business Park, Baulkham Hills NSW 2153 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in Superfloc TF 8000 Flocculant. The notified polymer is intended to be used as a flocculant in the Bayer process to obtain alumina from bauxite. Up to 30 tonnes of the notified polymer will be imported or manufactured per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

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

Occupational Health and Safety

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

Public Health

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

Environmental Effects

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

RECOMMENDATIONS

Control Measures

Occupational Health and Safety

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

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

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

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

Environment

Disposal

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

Storage

- The following precautions should be taken regarding storage of the notified polymer:
 - Store at temperatures <24°C.

Emergency procedures

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

Secondary Notification

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

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

9 PUBLICATION SUMMARY REPORT

Polyacrylate-13 Summary Report Reference No: PLC/652

Bronson & Jacobs Pty Ltd (ABN 81 000 063 249) of 5 Parkview Drive, Australia Centre, Olympic Park NSW 2127 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polyacrylate-13. The notified polymer is intended to be used as a thickener for cosmetic gels, creams and lotions. Up to 1 tonne of the notified polymer will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

The notified polymer meets the PLC criteria and can therefore be considered to be of low hazard. This is supported by toxicological endpoints observed in testing conducted on the imported product containing up to 70% notified polymer.

Occupational Health and Safety

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

Public Health

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

Environmental Effects

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

RECOMMENDATIONS

Control Measures

Occupational Health and Safety

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

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

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

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

Disposal

- The notified polymer should be disposed of by thermal decomposition in an incinerator or to landfill.

Emergency procedures

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

Secondary Notification

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

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

10 PUBLICATION SUMMARY REPORT

**DuPont ETPV
Summary Report
Reference No: PLC/659**

DuPont (Australia) Ltd (ABN 59 000 716 469) of 168 Walker Street, North Sydney NSW 2060 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for DuPont ETPV. The notified polymer is intended to be used as thermoplastic moulding of high compression parts for general machinery and automobiles. 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**Hazard Assessment**

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

Occupational Health and Safety

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

Public Health

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

Environmental Effects

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

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

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

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

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

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

Environment

Disposal

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

Emergency procedures

Spills and/or accidental release of the notified polymer should be cleaned up promptly by sweeping or vacuum and collect in suitable container for disposal.

Secondary Notification

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

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

11 ACCESS TO FULL PUBLIC REPORT

NICNAS publishes a Full Public Report for each new chemical assessed. These reports are available for public inspection at the library of the Australian Safety & Compensation Council at their Canberra office by appointment only. Please call the library on (02) 6121 9244 to arrange to view the Full Public Report.

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

12 LOW VOLUME CATEGORY PERMITS

The permits listed in Table 2 were issued to import or manufacture the following chemicals under section 21U of the *Industrial Chemicals (Notification and Assessment) Act 1989*. Low Volume Category Permits are approved for 36 months.

Table 1
Low Volume Category Permits

PERMIT NUMBER	COMPANY NAME	COMPANY POSTCODE	CHEMICAL OR TRADE NAME	HAZARDOUS SUBSTANCE	USE	DATE
725	Takasago International Corporation (Aust. Sales Office)	2067	Bamboo Ketone	ND	Component of fragrances for formulation in cosmetics and household products	29/8/06
726 (Renewal)	Canon Australia Pty Ltd	2113	Dye 002	Yes	Ink Component	7/9/06
727 (Renewal)	Firmenich Limited	2093	Quincester	Yes	Fragrance ingredient	15/9/06
728 (Renewal)	Firmenich Limited	2093	Mysoral	Yes	Fragrance ingredient	15/9/06

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

13 COMMERCIAL EVALUATION CATEGORY PERMIT

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

Table 2
Commercial Evaluation Category Permits

PERMIT NUMBER	COMPANY NAME	COMPANY POSTCODE	CHEMICAL OR TRADE NAME	HAZARDOUS SUBSTANCE	QUANTITY	USE	PERIOD APPROVED
670	Nuplex Industries (Aust) Pty Ltd	2019	POLYMER IN POLYPLEX 9133	ND	4000 kg	Component of moulded article	2 years
671	Ciba Specialty Chemicals Pty Ltd	3074	POLYMER IN OLEOPHOBOL 7713	ND	450 kg	Industrial based textiles application	2 years

14 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
457	Clariant (Australia) Pty Ltd	Siloxane derivative in Sil Care Silicone SEA/Siloxane derivative in sandoperm SE1 oil	Component of cosmetic hair and skin care products/production of textile fabrics
458	Brother International Pty Ltd	MJR6580	Component of printer inks
459	Duromer Products Pty Ltd	Polymer Additive No. 1	Flame retardant in plastic articles
461	Cintox Pty Ltd	SekiSui Techpolymer MBX Series	Additive for paints, inks and plastics articles
417 (revised)	Croda Singapore Pte Ltd	Crodamol STS	Cosmetic ingredient

15 NOTICE OF CHEMICALS ELIGIBLE FOR LISTING ON THE AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES FIVE YEARS AFTER ISSUING OF ASSESSMENT CERTIFICATES

Notice is given in accordance with section 14(1) of the *Industrial Chemicals (Notification and Assessment) Act 1989*, that the following chemicals have been added to the Australian Inventory of Chemical Substances.

Table 4

Chemicals Eligible for Listing on the Australian Inventory of Chemical Substances

CHEMICAL NAME	MOLECULAR FORMULA	CAS NUMBER
Butane, 1,1,1,3,3-pentafluoro-	C ₄ H ₅ F ₅	406-58-6
Siloxanes and Silicones, di-Me, 3-hydroxypropyl Me, ethers with polyethylene glycol mono[[dimethyl[3-[(1-oxotetradecyl)amino]propyl]ammonio]acetate], chlorides	Unspecified	142657-59-8
Oxirane, methyl-, polymer with oxirane, ether with 1,2,3-propanetriol (3:1), polymer with alpha-hydro-omega-hydroxypoly[oxy(methyl-1,2-ethanediyl)] and 1,1'-methylenebis[4-isocyanatobenzene]	(C ₁₅ H ₁₀ N ₂ O ₂ .C ₃ H ₈ O ₃ .3(C ₃ H ₆ O.C ₂ H ₄ O) _x .(C ₃ H ₆ O) _n H ₂ O) _x	64298-75-5
1,5-Naphthalenedisulfonic acid, 2-[(6-amino-1-hydroxy-3-sulfo-2-naphthalenyl)azo]-, reaction products with 2-[(6-amino-1-hydroxy-3-sulfo-2-naphthalenyl)azo]-1,4-benzenedisulfonic acid, 1,2-propanediamine and 2,4,6-trifluoro-1,3,5-triazine, sodium salts	Unspecified	181531-24-8
Amides, coco, N-(hydroxyethyl), propoxylated	Unspecified	201363-52-2
Resin acids and rosin acids, polymerised, potassium salts	Unspecified	68990-04-5
Methanaminium, N,N,N-trimethyl-, salt with 4,5-dihydro-5-oxo-1-(4-sulfo-phenyl)-4-[(4-sulfo-phenyl)azo]-1 H-pyrazole-3-carboxylic acid (3:1)	C ₁₆ H ₉ N ₄ O ₉ S ₂ .3C ₄ H ₁₂ N	131013-81-5
2-propenoic acid, 2-methyl-, oxiranylmethyl ester, polymer with ethene and methyl 2-propenoate	(C ₇ H ₁₀ O ₃ .C ₄ H ₆ O ₂ .C ₂ H ₄) _x	51541-08-3

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

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

Table 5

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

CHEMICAL NAME	MOLECULAR FORMULA	CAS NUMBER
1,5-Naphthalenedisulfonic acid, 3,3'-[(1,6-dihydro-6-oxo-1,3,5-triazine-2,4-diyl)bis[imino(2-methyl-4,1-phenylene)azo]]bis-, lithium sodium salt	$C_{37}H_{29}N_9O_{13}S_4 \cdot xLi \cdot xNa$	897363-98-3
1,4-dioxane-2,5-dione, 3,6-dimethyl-, (3R-cis)-, polymer with (3S-cis)-3,6-dimethyl-1,4-dioxane-2,5-dione and trans-3,6-dimethyl-1,4-dioxane-2,5-dione	$(C_6H_8O_4 \cdot C_6H_8O_4 \cdot C_6H_8O_4)_x$	9051-89-2