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**Australian Government**  

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**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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### NEW CHEMICALS

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# 1 CALL FOR INFORMATION ON CHEMICALS INCLUDED IN THE ROTTERDAM CONVENTION ON THE PRIOR INFORMED CONSENT PROCEDURE FOR CERTAIN HAZARDOUS CHEMICALS AND PESTICIDES IN INTERNATIONAL TRADE

The Director of the National Industrial Chemicals Notification and Assessment Scheme (NICNAS) is seeking information, under section 100G of the *Industrial Chemicals (Notification and Assessment) Act* 1989 (the Act), on two chemicals that have been added to the Rotterdam Convention. The chemicals are:

CHEMICAL	OTHER NAMES	CAS NUMBER
Tetraethyl lead	Plumbane, tetraethyl-TEL	78-00-2
Tetramethyl lead	Plumbane, tetramethyl-TML	75-74-1

These chemicals were considered at the first meeting of the Conference of Parties of the Rotterdam Convention, held in September 2004 in Geneva and added to Annex III of the Convention effective from 1 February 2005. As a Party to the Convention, Australia has to determine if we wish to receive these chemicals into Australia and forward an "import response" to the PIC Secretariat.

Information is sought on these chemicals to:

- update the information obtained in February 2003,
- assist in formulating an import response, and,
- determine regulations, if any, to be made under the Act to support the import response.

A known use of tetraethyl lead and tetramethyl lead is as motor fuel anti-knock compounds in aviation fuel.

This notice is directed to all persons who are currently manufacturing, importing or exporting one or more of the listed chemicals or mixtures containing the chemicals for industrial use, or have done so in the 12 months prior to this notice. Information is also sought from users and any other person with relevant information. Information on pesticide use is not required.

Information required is:

- Quantity of the chemical and/or mixtures containing the chemical.
- Whether imported, exported, manufactured or used.
- Concentration in mixture if applicable.
- Uses of the chemical and/or mixtures containing the chemical.

Responses on the chemicals are required on the attached form. A separate form should be completed for each chemical. Please provide the information by **Tuesday 15 March 2005**

The penalty for non-compliance with this notice is up to \$33,000. In accordance with Section 50 of the Act, the information may be accompanied by an application that some or all of the information provided should be treated as 'exempt information'. Application forms may be obtained from Ms Virginia Parish on 02 8577 8893 or via the NICNAS website at <http://www.nicnas.gov.au/forms/files/form3.doc>.

Further information can be obtained from Ms Virginia Parish (Tel: 02 8577 8893; email: [virginia.parish@nicnas.gov.au](mailto:virginia.parish@nicnas.gov.au) ).

The text of the Rotterdam Convention can be accessed at [www.pic.int](http://www.pic.int)  
Information on the Rotterdam Convention is also available on the NICNAS website at <http://www.nicnas.gov.au/foreign/treaties/pic.asp>

Completed forms should be sent to Ms Virginia Parish  
Existing Chemicals  
NICNAS  
GPO Box 58  
Sydney NSW 2001

**RESPONSE TO SECTION 100G NOTICE – TETRA ETHYL LEAD & TETRA METHYL LEAD**

**Please use a separate form for each chemical.**

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Contact name:

Phone Number: \_\_\_\_\_ Fax Number: \_\_\_\_\_

Email address: \_\_\_\_\_

**Details of Chemical**

Chemical Name:

Product or Trade Name:

Chemical Abstract Services Number (CAS No.):

1. Do you manufacture the above chemical (Please circle) Y/N

If yes, please provide an estimate of the quantity you manufacture (tonnes/year)

Tonnes/year: \_\_\_\_\_

2. Do you import the chemical? Y/N

If yes, please provide an estimate of the quantities of chemical you import (tonnes/year)

Tonnes/year: \_\_\_\_\_

3. Do you export the chemical Y/N

If yes, please provide an estimate of the quantities of chemical you import (tonnes/year)

Tonnes/year: \_\_\_\_\_

4. Do you import products (mixtures) containing this chemical? Y/N

Please indicate the product(s) you **import** containing the chemical, the concentration of the chemical in the product and the total tonnage of chemical in each product:

Name of Product

Conc. of chemical.

Tonnes chemical/year

(Description of Product) %

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5. Do you export products (mixtures) containing this chemical? Y/N

Please indicate the product(s) you **export** containing the chemical, the concentration of the chemical in the product and the total tonnage of chemical in each product:

Name of Product (Description of Product)	Conc. of chemical %	Tonnes chemical/year
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6. What are the uses of the chemical/products?

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7. Do you manufacture or formulate products containing this chemical? Y/N

Please indicate the product(s) you **manufacture or formulate** containing the chemical and the total tonnage of chemical in each product:

Name of Product (Description of Product)	Conc. of chemical %	Tonnes chemical/year
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8. What are the uses of the products manufactured / formulated by you?

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8. Is this chemical available to members of the public? Y/N

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9. Do you manufacture/import any chemicals that are used as an alternative/substitute for these chemicals? Y/N

If yes please provide

Name of Chemical	Quantities
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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*.

Further information can be obtained from Ms Virginia Parish Tel: 02 8577 8893  
email: [virginia.parish@nicnas.gov.au](mailto:virginia.parish@nicnas.gov.au) .

**Is your company a small business with less than 20 employees?** YES  NO

If yes, please provide an estimate of the time taken to complete this form:  
hrs mins

Thank-you. Please send the completed form to:

Ms Virginia Parish  
Existing Chemicals  
NICNAS  
GPO Box 58  
Sydney NSW 2001

## 2 OCTABROMOBIPHENYL AND DECABROMOBIPHENYL AS PRIORITY EXISTING CHEMICALS (PEC)

Octabromobiphenyl (CAS No. 27858-07-7) and decabromobiphenyl (CAS No. 13654-09-6) were declared priority existing chemicals (PECs) for full assessment on 6 July 2004. The declaration notice can be assessed at:

[http://www.nicnas.gov.au/publications/gazette/pdf/2004jul\\_whole.pdf#page=66](http://www.nicnas.gov.au/publications/gazette/pdf/2004jul_whole.pdf#page=66)

In accordance with section 55 of the *Industrial Chemicals (Notification and Assessment) Act 1989* (the Act) all those who wish to manufacture or import octabromobiphenyl or decabromobiphenyl during the period that these chemicals are PECs **must apply** in writing using the PEC application form. To date, the Director (NICNAS) has not received any application for the assessment of these chemicals.

**If no applications are received for these PECs, as per section 63 of the Act,** where:

- (a) a chemical has been a priority existing chemical for at least 12 months; and
- (b) an application for the assessment of the chemical has not been received; and
- (c) the Director has not caused the chemical to be assessed under subsection 57(2);

the Director must remove the particulars of the chemical from the Inventory.

If octabromobiphenyl and decabromobiphenyl are removed from the Australian Inventory of Chemical Substances (AICS) future import or manufacture of these chemicals will require notification and assessment as new chemicals.

For further information contact Dr Janith Wickramaratna (ph (02) 8577 8846 or fax (02) 8577 8888 or email: [janith.wickramaratna@nicnas.gov.au](mailto:janith.wickramaratna@nicnas.gov.au)).

### 3 PUBLICATION OF NEW COMPLIANCE GUIDANCE MATERIAL ON THE WEBSITE

This notice is to advise industry that the following document was recently published on the website:

**[A Compliance Guide for Introducers of Industrial Chemicals: A Checklist Approach](#)**

The published guidance document is intended to help industry understand it's obligations under the *Industrial Chemicals (Notification and Assessment) Act 1989*. The document can be accessed at <http://www.nicnas.gov.au/obligations/compliance/>

If you wish to provide feedback/suggestions or enquire about the compliance documents please contact our Compliance Team on 02 8577 8855 or 1800 638 528 or email to [comply@nicnas.gov.au](mailto:comply@nicnas.gov.au).

## 4 PUBLICATION SUMMARY REPORT

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### Acrylic Ester Copolymer in TOLAD 3514 Additive Summary Report Reference No: LTD/1164

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Baker Petrolite (ABN 20 04 752007) of 5 Walker Street, Braeside, VIC, 3195 has submitted a limited notification statement in support of their application for an assessment certificate for Acrylic Ester Copolymer in TOLAD 3514 Additive. The notified polymer is intended to be used as a conductivity additive in diesel fuels, which can be used in either the industrial or public sector. Up to ten 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, it is not possible to classify the notified polymer as a hazardous substance in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances*.

Based on toxicological data for an intermediate containing approximately 40% notified polymer in 2-butoxyethanol and ethylene glycol, the notified polymer may be harmful if swallowed, irritating to eyes and skin and toxic to aquatic life. However, the solvent content may contribute to these effects.

##### Occupational Health and Safety

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

##### Public Health

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

##### 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 safe work practices to minimise occupational exposure during transfer of the notified polymer as introduced and during cleaning of the transport containers:
  - 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 eyewear, protective clothing and impermeable gloves.

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

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

### Disposal

- Waste product may be hazardous and may require specific waste disposal management in accordance with State/Territory waste disposal regulations. Waste materials containing the notified polymer should be incinerated. Emptied imported drums containing residues of the notified polymer should be sent for drum reconditioning (with wastewater treatment and incineration of concentrated waste) for drum recycling or metal recycling.

### Emergency procedures

- Spills/release of the notified polymer should be handled by controlling the source of the spill/leak, containing the spill/leak to prevent further environmental release to soils surface waters or groundwater. Keep spill out of sewerage system, stormwater and all bodies of water. Clean up spill as soon as possible. Use appropriate techniques such as non-combustible adsorbent material or pumping. Where feasible and appropriate, remove contaminated environmental media (eg. soil). Place contaminated materials in labelled, sealable containers for storage, handling, transportation and appropriate 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

- manufacturing of the notified polymer in Australia is proposed;
- the notified polymer is proposed to be incorporated into finished products other than those currently proposed;
- significant release to the aquatic environment is proposed; and
- significant new information about the adverse environmental effects becomes available.

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.

In the event of a secondary notification due to an expected change in use pattern resulting in aquatic releases of the notified polymer, an algal ecotoxicity test report will be required to be submitted.

## 5 PUBLICATION SUMMARY REPORT

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### BYK-UV 3500 Summary Report Reference No: LTD/1168

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Nuplex Industries (Aust) Pty Ltd (ABN: 25 000 045 572) of 49-61 Stephen Road, Botany, NSW, 2019 has submitted a limited notification statement in support of their application for an assessment certificate for BYK-UV 3500. The notified polymer is intended to be used as an ingredient in industrial coatings and UV printing inks. Both the formulation and application of the coatings and inks is proposed in Australia. Up to ten 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 have been provided for the notified polymer and therefore the substance cannot be classified in accordance with the NOHSC Approved Criteria for Classifying Hazardous Substances.

The notified polymer contains acrylate functional groups, which may infer irritant and/or sensitising properties. The notified polymer is of a high molecular weight (>1000 daltons), and is unlikely to cross biological membranes and thus it is expected to have a low order of toxicity. However, as low molecular weight species are present, the risk of irritancy/sensitisation cannot be ruled out.

##### Occupational Health and Safety

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

##### Public Health

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

##### Environmental Effects

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

#### RECOMMENDATIONS

##### *Control Measures*

##### Occupational Health and Safety

- Employers should implement the following 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 eyewear, chemical resistant industrial clothing and impermeable gloves;

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

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

#### Environment

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

#### Disposal

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

#### Emergency procedures

- Spills/release of the notified polymer should be handled by soaking up with inert absorbent material and follow state or local regulation for the disposal of the waste.

#### **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(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.

## 6 PUBLICATION SUMMARY REPORT

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### Lutensol XL 80 Summary Report Reference No: STD/1085

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BASF Australia Ltd (ABN 62 008 437 867) of 500 Princes Highway Noble Park VIC 3174 has submitted a standard notification statement in support of their application for an assessment certificate for Lutensol XL 80. The notified polymer is intended to be used as a non-ionic surfactant at <4% in industrial detergent and cleaner formulations. Up to 200 tonnes of the notified polymer will be imported as a pure form 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 classified as hazardous under the NOHSC *Approved Criteria for Classifying Hazardous Substances*. The classification and labelling details are:

- R22 – Harmful if swallowed;
- R38 – Irritating to skin;
- R41 – Risk of serious damage to eyes

##### Occupational Health and Safety

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

##### Public Health

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

##### Environmental Effects

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

#### RECOMMENDATIONS

##### *Regulatory Controls*

##### Hazard Classification and Labelling

- The NOHSC Chemicals Standards Sub-committee should consider the following health hazard classification for the notified polymer:
  - R22 – Harmful if swallowed;
  - R38 – Irritating to skin;
  - R41 – Risk of serious damage to eyes
- Use the following risk phrases for products/mixtures containing the notified polymer:

- conc  $\geq$  25%: R22 – Harmful if swallowed;
- conc  $\geq$  20%: R38 – Irritating to skin;
- conc  $\geq$  10%: R41 – Risk of serious damage to eyes;
- 5%  $\leq$  conc < 10%: R36 – Irritating to eyes.

### *Control Measures*

#### Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to the notified polymer introduced as a pure substance:
  - Enclosed and automated processes at the blending and packaging sites, including use of semi-automated filling machines and metered pumps;
  - Adequate ventilation for the plant operators.
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified polymer during reformulation and end use:
  - Adequate training for staff in handling nonionic surfactants;
  - Implementation of general health surveillance and monitoring programs as required.
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer during reformulation and end use:
  - Chemical goggles/face shields for plant operators;
  - Industrial standard protective clothing and impermeable gloves for plant operators and cleaning staff;
  - Vapour masks or appropriate respirators if required.

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 to secure landfill or incineration.

#### Emergency procedures

- Spills/release of the notified polymer should be handled by containment with suitable absorbents, collection and storage in a sealable and labelled container for disposal in accord with local regulations.

## Secondary Notification

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

Under Section 64(1) of the Act; if

- Concentration of the notified polymer exceeds 4% in end use products;
- Import volume exceeds 200 tonnes per annum, it is required a better estimate of the release to the sewer, particularly in the rural areas, and a chronic toxicity test report for *Daphnia magna* be submitted for assessment.

or

Under Section 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

## 7 PUBLICATION SUMMARY REPORT

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### Flotisor V 4085-Intermediate Summary Report Reference No: STD/1125

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Clariant (Australia) Pty Ltd (ABN 30 069 435 552) of 675 Warrigal Road, Chadstone VIC 3148 has submitted a standard notification statement in support of their application for an assessment certificate for Flotisor V 4085-1 Intermediate. The notified chemical is intended to be used for manufacture of a corrosion inhibitor for metalworking. 50 tonnes of the notified chemical will be imported per annum for each of the first five years.

#### ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

##### Hazard Assessment

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

- R20 Harmful by inhalation
- R21 Harmful in contact with skin
- R22 Harmful if swallowed
- R38 Irritating to skin
- R41 Risk of serious damage to eyes
- R43 May cause sensitisation by skin contact

##### Occupational Health and Safety

There is Low Concern to occupational health and safety under the conditions of the occupational settings described, providing all the control measures described are employed.

##### Public Health

There is No Significant Concern to public health when used as a reactant for manufacture of a corrosion inhibitor for metal working as described in the notification.

##### Environmental Effects

On the basis of the proposed use of the chemical, it is not considered to pose a risk to the environment.

#### RECOMMENDATIONS

##### *Regulatory Controls*

##### Hazard Classification and Labelling

- The NOHSC Chemicals Standards Sub-committee should consider the following hazard classification for the notified chemical:
  - R20 Harmful by inhalation
  - R21 Harmful in contact with skin
  - R22 Harmful if swallowed

- R38 Irritating to skin
- R41 Risk of serious damage to eyes
- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- S28 After contact with skin, wash immediately with plenty of water
- S36/37/39 Wear suitable protective clothing, gloves and eye/face protection
- Use the following risk phrases for products/mixtures containing the notified chemical:
  - $\geq 1\%$  w/w:
    - R43 May cause sensitisation by skin contact
  - 5-10% w/w:
    - R36 Irritating to eyes
    - R43 May cause sensitisation by skin contact
  - 10-20% w/w:
    - R41 Risk of serious damage to eyes
    - R43 May cause sensitisation by skin contact
  - $\geq 20\%$  w/w:
    - R38 Irritating to skin
    - R41 Risk of serious damage to eyes
    - R43 May cause sensitisation by skin contact
  - $\geq 25\%$  w/w:
    - R20 Harmful by inhalation
    - R21 Harmful in contact with skin
    - R22 Harmful if swallowed
    - R38 Irritating to skin
    - R41 Risk of serious damage to eyes
    - R43 May cause sensitisation by skin contact

### *Control Measures*

#### Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to the notified chemical as introduced:
  - Local exhaust ventilation (LEV) for all open operations during drum opening, weighing, transfer and sampling.
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical as introduced:
  - Avoid direct handling.
  - 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:
  - Protective clothing, gloves and safety goggles.
  - Personal respiratory protection for any worker subject to prolonged exposure in the absence of LEV.

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

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

#### Environment

- The following control measures should be implemented by manufacturers of the end product to minimise environmental exposure during use of the notified chemical:
  - All drains in process areas must go to an on-site treatment plant.

#### Disposal

- Disposal procedures should be in accordance with State and local Government regulations. It is recommended that waste liquids be collected with a liquid binding substance, and all waste materials should be disposed of either through a licensed waste disposal contractor to a regulated landfill or incinerated in an approved incinerator.

#### Emergency procedures

- Spills/release of the notified chemical should be handled by containment and collection with absorbent material and then stored in a labelled container ready 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

- There are any changes in use of the notified chemical that may lead to a significant increase in the release of the notified chemical to the aquatic environment.

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.

Should secondary notification proceed, aquatic data for the notified chemical itself will be required, and a reviewed risk assessment undertaken.

## 8 PUBLICATION SUMMARY REPORT

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### FSH Summary Report Reference No: STD/1128

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MITSUI & Co. (Australia) Ltd (ABN 85 096 197 885) of Level 24, Burke Place, 600 Burke Street Melbourne, Victoria 3000 has submitted a standard notification statement in support of their application for an assessment certificate for FSH. The notified chemical is intended to be used as a component of ophthalmic lenses. Up to five (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 is classified as hazardous under the NOHSC *Approved Criteria for Classifying Hazardous Substances*. The classification and labelling details are:

R38: Irritating to skin

R43: May cause sensitisation by skin contact

##### Occupational Health and Safety

Based on the strong evidence of the sensitisation potential of the notified chemical and the essential requirement for PPE to mitigate such a hazard, there is Moderate Concern to occupational health and safety under the conditions of the occupational settings described.

##### Public Health

There is Negligible Concern to public health based on reported use patterns.

##### Environmental Effects

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

#### RECOMMENDATIONS

##### *Regulatory Controls*

##### Hazard Classification and Labelling

- The NOHSC Chemicals Standards Sub-committee should consider the following health hazard classification for the notified chemical:
  - R43: May cause sensitisation by skin contact
  - R38: Irritating to skin
- Use the following risk phrases for products/mixtures containing the notified chemical:
  - concentration  $\geq$  1%: R43: May cause sensitisation by skin contact

- concentration  $\geq$  20%: R38 Irritating to skin
- Use the following risk and safety phrases for products/mixtures containing the notified chemical:
  - R38 Irritating to skin
  - S 37 Wear suitable gloves
  - $\geq$  20% R38 Irritating to skin
  - $\geq$  1% S24 Avoid contact with skin

Suppliers should label the notified chemical with the signal word ‘Hazardous’ and the risk phrases listed above.

#### Health Surveillance

- As the notified chemical is a skin irritant and displayed evidence of reactions indicative of skin sensitisation, employers should carry out health surveillance for any worker who has been identified in the workplace risk assessment as having a significant risk of irritant contact dermatitis.

#### *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 product FSH and liquid resin:
  - Protective clothing
  - Chemical resistant gloves or gauntlet
  - Chemical gloves or safety glasses

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:
  - sensitised workers should be advised not to further handle the notified chemical
  - MSDS should be provided to the authorised medical practitioner responsible for health surveillance in the workplace
- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified chemical are classified as hazardous to health in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances*, workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

## Environment

- The following control measures should be implemented by the applicant to minimise environmental exposure during use of the notified chemical and liquid resin:
  - not allow material or rinsates from lens manufacturing equipment to enter drain, sewers or water course.

## Disposal

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

## Emergency procedures

- Spills of the notified chemical and liquid resin should be contained with suitable adsorbent material and care should be exercised not to allow material to enter drains and watercourses. The adsorbent material should be transferred to plastic bags sealed inside a drum and incinerated.

## Secondary Notification

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

Under Section 64(1) of the Act; if

- Due to the very high toxicity to fish and aquatic invertebrates a secondary notification should be lodged if uses are intended where there is a more significant release to water.

or

Under Section 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

## 9 PUBLICATION SUMMARY REPORT

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### DP2009 Summary Report Reference No: EX/56

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DuPont (Australia) Ltd (ABN 59 000 716 469) of 168 Walker Street North Sydney NSW 2060 has submitted a standard notification statement in support of their application for an assessment certificate for DP2009. The notified chemical is intended to be used in powder coatings for metal surfaces. The coating products containing the notified chemical will be imported in 20 kg bags and distributed by road from the notifier's site to various coating industry Australia-wide. Greater than 10 tonnes of the notified chemical will be imported per annum for each of the first five years.

Since granting of the above-mentioned Assessment Certificate, Melbourne Powdercoating Company Ltd (ACN No. 069 802 580) of Lot 12 Tullamarine Park Road Tullamarine VIC 3043 and Prima Furniture (Australia) Pty Ltd (ABN 42 006 219 549) of 30 Tullamarine Park Road Tullamarine VIC 3043, have submitted a notification statement in support of their application for an extension of the original Assessment Certificate for DP7007. DuPont (Australia) Ltd has agreed to this extension.

Information submitted by Melbourne Powdercoating Company Ltd and Prima Furniture (Australia) Pty Ltd pertains to the introduction of the notified polymer for use in powder-coating product.

### **ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS**

#### **Hazard Assessment**

Based on the toxicological data provided, the notified chemical would not be classified as hazardous substance according to the NOHSC *Approved Criteria for Classifying Hazardous Substances*.

#### **Occupational Health and Safety**

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

#### **Public Health**

There is No Significant Concern to public health when used as a component of powder coatings.

#### **Environmental Effects**

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 engineering controls to minimise occupational exposure to the notified chemical when used in powder coatings:
  - Local exhaust ventilation during spraying, filling of hoppers, reclaiming powder and clean-up.
  - Enclosed and automated spray application.
  - Spray painting booths and equipment should be in accordance with Australian Standard AS3754-1990, *Safe Application of Powder Coatings by Electrostatic Spraying*.
- Employers should implement the following safe work practices to minimise occupational exposure to the notified chemical when used in powder coatings:
  - Avoid generating dusts, when opening powder coating packages, loading hoppers, reclaiming powder and cleaning equipment.
  - Precautions must be taken to avoid sources of ignition, e.g. use of earthing leads.
    - NOHSC exposure standard for nuisance dust should not be exceeded in the workplace
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical when used in powder coatings:
  - anti-static overalls
  - non-insulating gloves
  - anti-static footwear
  - dust respirators or air fed respiratory equipment

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 controlled incineration in accordance with local and national regulations.

#### Storage

- Store and handle in accordance with recommendation in the MSDS.

### Emergency procedures

- Spills/release of the notified chemical should be contained and placed in suitable containers that must be tightly sealed and properly labelled for disposal. Use mechanical handling equipment. The notified chemical should not be flushed into surface waters, sanitary sewer or groundwater system.

### **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.

**10 PUBLICATION SUMMARY REPORT**

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**DP7007  
Summary Report  
Reference No: EX/57**

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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 DP7007. The notified polymer is intended to be used in speciality ultraviolet cured powder coatings for industrial products. Between 300 to 1000 tonnes of the notified polymer will be imported per annum for each of the first five years.

Since granting of the above-mentioned Assessment Certificate, Melbourne Powdercoating Company Ltd (ACN No. 069 802 580) of Lot 12 Tullamarine Park Road Tullamarine VIC 3043 and Prima Furniture (Australia) Pty Ltd (ABN 42 006 219 549) of 30 Tullamarine Park Road Tullamarine VIC 3043, have submitted a notification statement in support of their application for an extension of the original Assessment Certificate for DP7007. DuPont (Australia) Ltd has agreed to this extension.

Information submitted by Melbourne Powdercoating Company Ltd and Prima Furniture (Australia) Pty Ltd pertains to the introduction of the notified polymer for use in powder-coating product.

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

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

**Occupational Health and Safety**

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

**Public Health**

There is Negligible Concern to public health when used as a component of spray-on powder coatings.

**Environmental Effects**

On the basis of the low environmental exposure and low environmental hazard, 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 when used in powder coatings:
  - Local exhaust ventilation during spraying, filling of hoppers, reclaiming powder and clean-up.
  - Enclosed and automated spray application.
  - Spray painting booths and equipment should be in accordance with Australian Standard AS3754-1990, *Safe Application of Powder Coatings by Electrostatic Spraying*.
- Employers should implement the following safe work practices to minimise occupational exposure to the notified polymer when used in powder coatings:
  - Avoid generating dusts, when opening powder coating packages, loading hoppers, reclaiming powder and cleaning equipment.
  - Precautions must be taken to avoid sources of ignition, e.g. use of earthing leads.
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer when used in powder coatings:
  - anti-static overalls
  - non-insulating gloves
  - anti-static footwear
  - dust respirators or air fed respiratory equipment

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 controlled incineration or landfill in accordance with local jurisdiction waste management regulations.

#### Storage

- Store and handle in accordance with recommendation in the MSDS.

Emergency procedures

- Spills/release of the notified polymer should be contained and placed in suitable containers for disposal

### **Secondary Notification**

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

Under Section 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

No additional secondary notification conditions are stipulated.

## 11 PUBLICATION SUMMARY REPORT

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### Eastman AQ2350 Summary Report Reference No: EX/59

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Eastman Chemical Ltd (ABN: 40 003 039 405) of Level 8, 15 Talavera Road, North Ryde NSW 2113, has submitted a limited notification statement in support of their application for an assessment certificate for Eastman AQ2350. The notified polymer is intended to be used as a hot-melt adhesive for application in non-woven goods, packaging, book binding and labelling. Less than 300 tonnes of the notified polymer will be imported per annum for each of the first five years.

Since granting of the abovementioned Assessment Certificate, Multichem Pty Ltd (ABN 47 006 115 886) of 1-15 Rosebery Avenue, Rosebery NSW 2018 has submitted a notification statement in support of their application for an extension of the Assessment Certificate for Eastman AQ2350. Eastman Chemical Limited has agreed to this extension. Multichem Pty Ltd will import the product as Eastman AQ 2150 Copolyester.

Information submitted by Multichem Pty Ltd pertains to the introduction of the notified polymer as a distributor in Australia. The volume of notified polymer introduced by Multichem Pty Ltd would be 10 MT per year.

### ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

#### Hazard Assessment

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

#### Occupational Health and Safety

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

#### Public Health

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

#### Environmental Effects

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

### RECOMMENDATIONS

#### *Control Measures*

##### Occupational Health and Safety

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

- Respiratory protection
- Face shield
- Gloves

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

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

#### Environment

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

#### Disposal

- The notified polymer should be disposed of in landfill or be destroyed through incineration.

#### Emergency procedures

- Spills/release of the notified polymer should be handled by shovelling up and placing in a container for salvage or disposal.

#### **Secondary Notification**

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

Under Section 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

## 12 PUBLICATION SUMMARY REPORT

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### DP2011 Summary Report Reference No: PLC/486

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DuPont (Australia) Ltd (ABN 59 000 716 469) of 49-59 Newton Road Wetherill Park NSW 2164 has submitted a synthetic polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for DP2011. The notified polymer is intended to be used as an ink resin at <10% in aqueous formulations supplied in non-refillable cartridges ready for use in industrial printing of flexible and textile substrates. Up to three tonnes of the notified polymer will be imported per annum for each of the first five years.

#### **ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS**

##### **Hazard Assessment**

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

##### **Occupational Health and Safety**

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

##### **Public Health**

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

##### **Environmental Effects**

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

#### **RECOMMENDATIONS**

##### *Control Measures*

##### Occupational Health and Safety

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

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

- In the interest of occupational health and safety, the following guidelines and precautions should be observed for use of the notified polymer as introduced as an ink resin at <10% in aqueous formulations:

- Wearing cotton or disposable gloves and ensuring adequate ventilation during replacement of inkjet cartridges, machine maintenance and repair services;
- Adequate induction and training programs for service personnel.
- 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 waste containing the notified polymer should be incinerated or disposed of to landfill according to Local and State government regulations. Use only approved waste management contractors.
- Spill containment containers or contaminated containers can be re-used after cleaning or sent to local recycling or waste disposal facilities.

#### Emergency procedures

- Spills/release of the notified polymer should be contained and collected with adsorbent materials such as sand, vermiculite or paper, and placed into a suitable container for disposal. Do not allow spills to enter watercourses or drain.

#### 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.

**13 PUBLICATION SUMMARY REPORT**

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**DP2013  
Summary Report  
Reference No: PLC/487**

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DuPont (Australia) Ltd (ABN 59 000 716 469) of 49-59 Newton Road Wetherill Park NSW 2164 has submitted a synthetic polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for DP2013. The notified polymer is intended to be used as an ink resin at <10% in aqueous formulations supplied in non-refillable cartridges ready for use in industrial printing of flexible and textile substrates. Up to three tonnes of the notified polymer will be imported per annum for each of the first five years.

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

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

**Occupational Health and Safety**

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

**Public Health**

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

**Environmental Effects**

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

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

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

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

- In the interest of occupational health and safety, the following guidelines and precautions should be observed for use of the notified polymer as introduced as an ink resin at <10% in aqueous formulations:

- Wearing cotton or disposable gloves and ensuring adequate ventilation during replacement of inkjet cartridges, machine maintenance and repair services;
- Adequate induction and training programs for service personnel.
- 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 waste containing the notified polymer should be incinerated or disposed of to landfill according to Local and State government regulations. Use only approved waste management contractors.
- Spill containment containers or contaminated containers can be re-used after cleaning or sent to local recycling or waste disposal facilities.

#### Emergency procedures

- Spills/release of the notified polymer should be contained and collected with adsorbent materials such as sand, vermiculite or paper, and placed into a suitable container for disposal. Do not allow spills to enter watercourses or drain.

#### 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.

## 14 PUBLICATION SUMMARY REPORT

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### Polymer in SIK 1001 Summary Report Reference No: PLC/505

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Sika Australia Pty Ltd (ABN: 12001342329) of 55 Elizabeth Street, Wetherill Park, NSW, 2164 has submitted a synthetic polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in SIK 1001. The notified polymer is intended to be used as is a superplasticiser additive for concrete, produced in NSW. Less than 300 tonnes of the notified polymer will be produced 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. The polymer is not intended for marketing. It is specifically used for the manufacture of another polymer that is being notified. The polymer has a relatively high molecular weight and is unlikely to absorb across the skin or other biological membranes. Furthermore it contains no reactive functional groups of moderate or high concern. Thus it is not expected to have any significant toxicity to humans.

The polymer has a low pH. However, standard methods were used to determine that low acid reserves are present, and thus the polymer is not classified as irritant to skin or eyes. The notified chemical is not classified as hazardous to human health.

##### **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 as the notified polymer is not marketed. It is manufactured at Sika Australia as an intermediate for the production of another polymer. Its use is restricted to the Wetherill Park site.

##### **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

- Personnel should wear overalls, safety goggles, impervious gloves and work boots during manufacture and during routine maintenance and repairs.

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

- Spills will be collected by absorbent material, placed in appropriate containers and sent to landfill.

#### Emergency procedures

- If spills are not possible to recycle then the spill should be handled by covering with some inert absorbent and sweeping material up into containers for disposal to landfill.

#### **Secondary Notification**

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

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

**15 PUBLICATION SUMMARY REPORT**

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**RCP 29406  
Summary Report  
Reference No: PLC/511**

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DuPont (Australia) Ltd (ABN 59 000 716 469), 168 Walker Street, North Sydney, NSW, 2060, has submitted a synthetic polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for RCP 29406. The notified polymer is intended to be used as a component of automotive refinish paints at a concentration of <10%. Less than 20 tonnes of the notified polymer will be imported per annum for each of the first five years.

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

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

**Occupational Health and Safety**

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

**Public Health**

There is Negligible Concern to public health when used as a component in an automotive spray paint.

**Environmental Effects**

The polymer is not considered to pose a risk to the environment based on its reported diffuse use pattern, molecular weight and tight controls in manufacturing and end use, limiting escape 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.

- Personal protective equipment required during formulation are
  - Eye protection (safety glasses or goggles)
  - Impermeable gloves

- Industrial clothing and footwear
- The use of the product containing the polymer should be in accordance with the NOHSC *National Guidance Material for Spray Painting* where appropriate.
- 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 paint manufacturer to minimise environmental exposure during paint manufacture of the notified chemical:
  - Undertake work in bunded areas only
  - Collect all wastes and recycle where possible, otherwise contain in open drums and allow material to dry and then dispose of to landfill.
- The following control measures should be implemented by end users to minimise environmental exposure during use of the notified polymer:
  - Exhaust ventilation of all spray booth facilities
  - Do not empty paint waste down the sewer
  - Ensure the maximum amount of paint is emptied from each paint can/container before disposal.

#### Disposal

- Spill clean-up with inert absorbent material
- Empty paint cans/containers should be sent to local steel recycling or waste disposal facilities.
- The notified polymer should be incinerated or disposed of to landfill. Use only approved waste management contractors.
- Empty spill containment containers should be sent to local recycling or waste disposal facilities.

#### Emergency procedures

- Spills/release of the notified polymer should be absorbed with sand, vermiculite or paper and put into suitable container for disposal. Large volumes of spilt paint require dyking.
- Do not allow spills to enter watercourses or drains.
- Organize emergency training on an annual basis.

#### 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.

**16 PUBLICATION SUMMARY REPORT**

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**Dehypon 3677 Gram  
Summary Report  
Reference No: PLC/517**

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Cognis Australia Pty Ltd (ABN 87 006 374 456) of 83 Maffra Street, Broadmeadows, Victoria, 3047 has submitted a synthetic polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Dehypon 3697 GRA M. The notified polymer is intended to be used as a minor ingredient in special rinse Aid granule for automatic dish washing tablets /powders. The notified polymer will be mixed with other ingredients at various formulation sites. Up to 14 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**

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 manner proposed.

**Environmental Effects**

The polymer is considered to be of low concern for 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 occupation exposure to the powder form of the notified polymer.
- local exhaust ventilation where import containers are emptied into the blending process.
- Safe work practices and personal protective equipment are required for the safe use of the notified polymer itself in the end-product blending and packing operations, however, these should be selected on the basis of all ingredients in the formulation. Employers should implement the following PPE to minimise occupation exposure to the powder form of the notified polymer:
  - Nitrile rubber gloves

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

- Service personnel should wear nitrile rubber gloves and ensure adequate ventilation is present when servicing equipment 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 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 re-use/internal recycle where possible, in the blending facility. Wastes should be disposed of to landfill or incineration after negotiation with the respective authority.

#### Emergency procedures

- Spills/release of the notified polymer should be contained as described in the MSDS.

#### **Secondary Notification**

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

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act;

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

The Director will then decide whether secondary notification is required.

## 17 PUBLICATION SUMMARY REPORT

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### Polymer in Adhesion Resin EP3350 Summary Report Reference No: PLC/518

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Degussa Coatings & Colorants Pty Ltd (ABN 16 079 823 313), of 30 Commercial Drive, Dandenong, VIC, 3175, has submitted a synthetic polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in Adhesion Resin EP 3350. The notified polymer is intended to be used in water based polyurethane coatings such as those used to coat wooden floor boards. 1-3 tonnes of the notified polymer will be imported per annum for each of the first five years.

#### ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

##### Hazard Assessment

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

##### Occupational Health and Safety

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

##### Public Health

There is negligible concern to public health when used as a component of polyurethane coating systems.

##### 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 or work practices 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.

- Personal protective equipment required during formulation are
  - Eye protection (safety glasses or goggles)
  - Impermeable gloves
  - Industrial clothing and footwear

- 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 notifiers customers to minimise environmental exposure during formulation of the polyurethane coating solutions:
  - Bunding;
  - Exhaust ventilation with filtering of emissions

#### Disposal

- The notified polymer should be disposed of to landfill or incinerated;
- Empty containers should be sent to local recycling or waste disposal facilities.

#### Emergency procedures

- Spills/release of the notified polymer should be handled by absorbing with sand and put into suitable containers for disposal. Contaminated containers can be re-used after cleaning.
- Do not flush the product containing the notified polymer into surface water or sewer systems.

#### 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.

## 18 ACCESS TO FULL PUBLIC REPORT

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

Reports can also be viewed and downloaded free of charge from our website at [www.nicnas.gov.au](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 8816 or fax: (02) 8577 8888.

## 19 COMMERCIAL EVALUATION CATEGORY PERMIT

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

**Table 1**  
**Commercial Evaluation Category Permits**

PERMIT NUMBER	COMPANY NAME	COMPANY POSTCODE	CHEMICAL OR TRADE NAME	HAZARDOUS SUBSTANCE	QUANTITY	USE	PERIOD APPROVED
599	Mirotone Pty Ltd	2212	ODA-1	Yes	4000 kg	Resin for industrial coatings	2 yrs
600	Mirotone Pty Ltd	2212	ODA-2	Yes	4000 kg	Resin for industrial coatings	2 yrs
601	ISP (Australia) Pty Ltd	2128	Poly(vinylcaprolactam-vinylpyrrolidone)	Yes	4000 kg	Hydrate/Corrosion inhibitor	2 yrs
602	Baker Petrolite a division of Baker Hughes Aust Pty Ltd	3195					
581	Orica Limited	3000	Organophosphate degrading enzyme A (opd A)	Yes	400 kg	Pesticide remedial agent	2 yrs
582	Alpharma Animal Health Pty Ltd	3142					

## 20 LOW VOLUME CHEMICAL PERMIT

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

**Table 2**  
**Low Volume Chemical Permits**

PERMIT NUMBER	COMPANY NAME	COMPANY POSTCODE	CHEMICAL OR TRADE NAME	HAZARDOUS SUBSTANCE	USE	DATE
672	La Biosthetique Australia Pty Ltd	2018	Ethanol, 2-(2,4-diaminophenoxy)-sulfate (1:1) (salt)	YES	Oxidative hair dye	24.12.04
673	Alberto Culver Australia	2151	2,5-Furandione, polymer with 2-methyl-1-propene, ethyl ester, reaction product with N,N-dimethyl-1-3-propane diamine and polyethylene-polypropylene glycol 2-amino propyl Me ether	ND	Ingredient in hair shaping products	07.01.04
674	Pax Australia Pty Ltd					

## 21 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

<b>PERMIT NUMBER</b>	<b>COMPANY NAME</b>	<b>CHEMICAL OR TRADE NAME</b>	<b>USE</b>
355	Henkel Adhesives	Macromelt 6797	Adhesive for adhesive tape
356	BASF AKZO Nobel Automotive OEM Coatings Pty Ltd	Polymer in RP-3654	Automotive paint
357	PPG Industries Australia Pty Ltd	Polymer in WB-016	Automotive paint

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

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

**Table 4**

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

<b>CHEMICAL NAME</b>	<b>CAS NUMBER</b>	<b>MOLECULAR FORMULA</b>
Poly(oxy-1,2-ethanediyl), alpha-methyl-omega-hydroxy-, ester with boric acid	106008-94-0	$(C_2H_4O)_nCH_4O.xBH_3O_3$
Poly(oxy-1,2-ethanediyl), alpha-butyl-omega-hydroxy-, ester with boric acid	106008-93-9	$(C_2H_4O)_nC_4H_{10}O.xBH_3O_3$
1,3-Benzenedicarboxylic acid, polymer with 1,4-benzenedicarboxylic acid, 1,2-ethanediol and 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxy)]bis[ethanol]	41259-36-3	$(C_{19}H_{24}O_4.C_8H_6O_4.C_8H_6O_4.C_2H_6O_2)_x$
1H-Pyrazole-1-ethanol, 4,5-diamino-, sulfate (1:1) salt	155601-30-2	$C_5H_{10}N_4O_4.H_2O_4S$
1,3-Naphthalenedisulfonic acid, 7-[[[3-[[4-[(2-hydroxy-1-naphthalenyl)azo]phenyl]azo]phenyl]sulfonyl]amino]-, potassium sodium salt	141880-36-6	$C_{32}H_{23}N_5O_9S_3.xK.xNa$
Poly[oxy(methyl-1,2-ethanediyl)], alpha-isotridecyl-omega-hydroxy-	72108-90-8	$(C_3H_6O)_nC_{13}H_{28}O$
2-Propenoic acid, 2-methyl-, butyl ester, polymer with ethenylbenzene, methyl 2-methyl-2-propenoate and 1,2-propanediol mono(2-methyl-2-propenoate)	68650-89-5	$(C_8H_{14}O_2.C_8H_8.C_7H_{12}O_3.C_5H_8O_2)_x$
2-propenoic acid, 2-methyl-, polymer with 2-propenoic acid, 2-methyl-, butyl ester, 2-propenoic acid, 2-methyl-, 2-dimethylamino ethyl ester and 2-propenoic acid, 2-methyl-, methyl ester	67380-24-9	$(C_8H_{15}NO_2.C_8H_{14}O_2.C_5H_8O_2.C_4H_6O_2)_x$
3,6,9-trioxaundecanedioic acid	13887-98-4	$C_8H_{14}O_7$
2,4,4,7-tetramethyl-6-octen-3-one	74338-72-0	$C_{12}H_{22}O$