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Gazette

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CHEMICAL

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Australian Government

Department of Health and Ageing
NICNAS

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

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1 NICNAS COST RECOVERY IMPACT STATEMENT

COMMENTS DUE 29 APRIL 2005

The Australian Government announced its formal cost recovery policy for regulatory and information agencies in December 2002 following the completion of a comprehensive review by the Productivity Commission.

The TGA Group of Regulators recently completed a review of cost recovery arrangements for therapeutic products and industrial chemicals in accordance with the Government's cost recovery policy. Acumen Alliance were engaged to examine current arrangements, consult with industry and government stakeholders and undertake an assessment of the basis for setting fees and charges.

In accordance with Cost Recovery Guidelines for Regulatory Agencies the draft Cost Recovery Impact Statement (CRIS) for industrial chemicals regulation is provided for comment prior to its submission to the Parliamentary Secretary, the Hon. Christopher Pyne, MP.

The CRIS looked at the governance of NICNAS's cost recovery arrangements and found them to be compliant. The CRIS proposes a widening of cost recovery arrangements to include services to government related to the Scheme.

The draft CRIS is available at:

<http://www.nicnas.gov.au/news/pdf/nicnascris-v-6.pdf>

Comments should be forwarded to the TGA Group's Chief Financial Officer, Mr Michel Lok (michel.lok@health.gov.au) no later than close of business **Friday, 29 April 2005**.

2 OFFICE OF CHEMICAL SAFETY - CANBERRA OFFICE MOVES FROM BARTON TO WODEN

The Office of Chemical Safety (OCS) Canberra Office, which includes Human Health Risk Assessment, NDPSC Secretariat & Treaties and Compliance moved from Barton to Woden with effect 22 March 2005.

Please update your records with new contact details:

Phone: 02 6289 3200

Fax: 02 6289 3299

Treaties and Compliance Fax: 02 6289 3260

Street Address:

Ground Floor, 10 Corinna Street
Woden ACT 2606

Postal Address:

PO Box 100
Woden ACT 2606

Website

www.tga.gov.au/chemicals/ocs/

The contact details for the OCS Sydney Office (incorporating NICNAS) at Marrickville remain unchanged.

3 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

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).

4 PUBLICATION SUMMARY REPORT

E96095 Summary Report Reference No: STD/1046

T. R. (Chemicals Australia) Pty Ltd (ABN 57 001 268 006) of 195 Briens Rd Northmead NSW 2152 has submitted a standard notification statement in support of their application for an assessment certificate for E96095. The notified chemical is intended to be used as a viscosity adjuster in solvent-based paints. Paints are formulated by mixing various ingredients in a blender or high speed disperser and then drummed off into a range of typical containers. The paint may be applied by spray, brush or roller. Two and five tonnes of the notified chemical will be imported per annum in the first and second years, respectively, rising to 10 tonnes per annum in the third, fourth and fifth years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

The notifier has classified E96095 as harmful via the inhalation route on the basis that the observed 4-hour LC50 of 5.08 mg/L absolute chamber concentration equated to 3.6 mg/L for the respirable component (particles < 7µm in aerodynamic diameter).

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 described.

Environmental Effects

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

RECOMMENDATIONS

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 should be used when weighing out the imported powder containing the notified chemical and adding it to the bead mill. The atmospheric concentration should be maintained below the NOHSC exposure standard of 10 mg/m³ TWA for total dust. Respirable dust levels should be kept below the ACGIH standard of 3 mg/m³ TWA.

- 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

Disposal

- The notified chemical should be disposed of in accordance with State/Territory waste management guidelines to landfill or incinerator.
- Wastes generated during industrial application of paint products containing the notified chemical should be disposed of through a licensed waste contractor. Unused/unwanted paint should be kept in the original container for recycling and/or left to dry and sent to landfill. Overspray wastes on drop sheets should be allowed to dry and sent to landfill for disposal.

Emergency procedures

- Spills/release of the notified chemical (powder) should be swept and collected into labelled sealable containers for reuse or disposal to landfill or incineration.
- Spills/release of solvent-based paints containing the notified chemical should be contained and adsorbed into inert material. The adsorbent should be placed into labelled sealable containers for disposal. Avoid spills entering waterways or sewer.
- Keep spills and cleaning runoff out of municipal sewers, stormwater or open bodies of water.

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.

5 PUBLICATION SUMMARY REPORT

**Pitera
Summary Report
Reference No: STD/1097**

Procter & Gamble Australia Pty Ltd (ABN 91 008 396 245) of 320 Victoria Road Rydalmere NSW 2116 has submitted a standard notification statement in support of their application for an assessment certificate for Pitera. The notified chemical is intended to be used as a humectant in cosmetic skin applications, such as moisturisers and cleansers. The notified chemical will be imported as a component of finished cosmetic products. No repackaging and reformulation of the imported products containing the notified chemical will take place in Australia. Up to 8 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 there is insufficient information to classify the notified chemical as a hazardous substance under the NOHSC *Approved Criteria for Classifying Hazardous Substances*. Human studies conducted on various products containing the notified chemical suggest that it is slightly irritating to the skin; however, it is safe to use as specified in the submission.

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 humectant in cosmetic skin applications.

Environmental Effects

The chemical is not considered to pose a risk to the environment based on its low level of importation and 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 chemical itself, however, these should be selected on the basis of all ingredients in the formulation.

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

- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified chemical are classified as hazardous to health in accordance with the 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 chemical should be disposed of to landfill, sewer or incinerator in accordance with local waste disposal regulations.

Emergency procedures

Spills/release of the notified chemical should be handled by containing the spill by absorption on suitable absorbent material (eg. sand, earth, vermiculite, tissue, cloth) 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

- new information on animal and human health toxicity studies becomes available;
- significant new information on adverse environmental effects becomes available;
- the notified chemical is introduced as a solid concentrate.
- import levels reach ≥ 1 tonne per annum on a solids basis, provision of aquatic ecotoxicity data (fish, daphnia, algae) will be required.

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

Arlatone Dioic DCA Summary Report Reference No: STD/1098

Uniqema Australia Pty Ltd (ABN 00018084) of Level 37, 101 Collins St Melbourne VIC 3000 and Symex Holdings Pty Ltd (ABN 29 091 035 353) of 14 Woodruff St Port Melbourne VIC 3207 have submitted a standard notification statement in support of their application for an assessment certificate for Arlatone Dioic DCA. The notified chemical is intended to be used as an ingredient in personal care products. The personal care products will be imported as such or formulated from the notified chemical and a range of other ingredients. Less than 10 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:

R41: Risk of serious eye damage.

Occupational Health and Safety

There is Moderate Concern to occupational health and safety under the conditions of the occupational settings described based on the risk of eye damage during transfer of the notified chemical to mixing vessels.

Public Health

There is No Significant Concern to public health when used as described.

Environmental Effects

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

RECOMMENDATIONS

Regulatory Controls

Hazard Classification and Labelling

- The NOHSC Chemicals Standards Sub-committee should consider the following health hazard classification for the notified chemical:
 - R41: Risk of serious eye damage.
- Use the following risk phrases for products/mixtures containing the notified chemical:
 - Concentration \geq 10%, R41 Risk of serious eye damage;
 - 5% \leq Concentration \leq 10%, R36 Irritating to eyes.

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:
 - Chemical safety goggles.

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 reformulator to minimise environmental exposure during reformulation of the notified chemical:
 - Process areas should be bunded with all drains leading a treatment plant or collection point.

Disposal

- The notified chemical should be disposed of to landfill.

Emergency procedures

- Spills/release of the notified chemical should be handled by containment, collection (manually) and then place in sealable labelled container. The material should be reused if not contaminated. If contaminated then it should be disposed of 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 Section 64(1) of the Act; if

- the concentration of notified chemical in imported products is likely to be greater than 10%;

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.

No additional secondary notification conditions are stipulated.

7 PUBLICATION SUMMARY REPORT

Polymer in Miralan HTP Summary Report Reference No: STD/1117

Ciba Specialty Chemicals Pty Limited (ABN. 97 005 061 469) of 235 Settlement Road, Thomastown, VIC, 3074 has submitted a standard notification statement in support of their application for an assessment certificate for Polymer in Miralan HTP. The notified polymer is intended to be used as a processing aid in the textile dyeing industry. 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

Due to the limited toxicological data for the notified polymer, only eye irritation can be classified as hazardous in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances* (NOHSC 2002). The classification and labelling details are:

- R36 Irritating to eyes

Based on the assumption that analogue data are acceptable and indicative of toxicity of the notified polymer, the following additional classification and labelling should apply:

- 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.

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 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 polymer:
 - R36 Irritating to eyes

- Based on analogue data, the notifier should give the notified polymer the following additional health hazard classification:
 - R43 May cause sensitisation by skin contact
- Use the following risk phrases for products/mixtures containing the notified polymer:
 - Conc \geq 20%: R36, R43
 - 1% \leq conc < 20%: R43

Health Surveillance

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

Control Measures

Occupational Health and Safety

- Employers should implement the following safe work practices to minimise occupational exposure during handling of, the notified polymer as introduced, the dye solution containing the notified polymer and wet textiles treated with the notified polymer:
 - Avoid skin and eye contact
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure during handling of, the notified polymer as introduced, the dye solution containing the notified polymer and wet textiles treated with the notified polymer:
 - 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.

Disposal

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

Emergency procedures

- Spills/release of the notified polymer should be handled by containing the spill and absorbing the spilled material in absorbent material (eg. sand, earth). Scoop into labelled containers and seal for appropriate disposal as chemical 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 Section 64(1) of the Act; if

- products formulated with the notified polymer are made available to the public.

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

Hexafluorotitanic Acid Summary Report Reference No: STD/1118

Henkel Australia Pty Ltd (ABN 82 001 302 996) of 135-141 Canterbury Road Kilsyth VIC 3137 has submitted a standard notification statement in support of their application for an assessment certificate for hexafluorotitanic acid. The notified chemical is intended to be used as a corrosion inhibitor for use in metal surface treatments. Between 3 and 30 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

On the basis of the data supplied, the notified chemical would be classified as a hazardous substance in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances*. The notified chemical has a low pH and the fact that HF is present and active at a low pH indicates it would be appropriate to classify the notified chemical with the following risk phrases: R26/27/28 – Very toxic by inhalation, in contact with skin and if swallowed; and R35 – Causes severe burns.

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 described in the notification.

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:
 - R26/27/28 – Very toxic by inhalation, in contact with skin and if swallowed; and
 - R35 – Causes severe burns.
- Use the following risk phrases for products/mixtures containing the notified chemical:
 - $\geq 10\%$: R26/27/28 – Very toxic by inhalation, in contact with skin and if swallowed; R35 – Causes severe burns.

- $\geq 7\% \text{conc} < 10\%$: R26/27/28 – Very toxic by inhalation, in contact with skin and if swallowed; R34 – Causes burns.
 - $\geq 5\% \text{conc} < 7\%$: R23/24/25 – Toxic by inhalation, in contact with skin and if swallowed; R34 – Causes burns.
 - $\geq 1\% \text{conc} < 5\%$: R23/24/25 – Toxic by inhalation, in contact with skin and if swallowed; R36/38 – Irritating eyes and skin.
 - $0.1\% \text{conc} < 1\%$: R20/21/22 – Harmful by inhalation, in contact with skin and if swallowed.
- The notified chemical should be classified as follows under the ADG Code:
 - Class 8 – Corrosive
 - Packaging Group II
 - Suppliers should label the notified chemical as a Class 8 dangerous good with the signal word Corrosive and the risk and safety phrases listed above.

Exposure Standard

- The NOHSC exposure standards for hydrogen fluoride (as F) of 3 ppm or 2.6 mg/m³ (TWA), and fluoride (as F) of 2.5 mg/m³ should be observed during handling and use of the notified chemical.

Control Measures

Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to the notified chemical as introduced:
 - Exhaust ventilation when diluting the chemical prior to use and during transfer of diluted preparation into acid treatment baths.
 - Enclosed and automated metal treatment process
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical as introduced:
 - When diluting chemical solution and during transfer operations, avoid spills and splashing.
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical as introduced:
 - Neoprene or PVC gloves;
 - Goggles or faceshield;
 - Acid resistant clothing which protects the body, arms and legs; and
 - Respiratory protection.

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

- Atmospheric monitoring should be conducted to measure workplace concentrations during formulation and use of the notified chemical.

- 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

Disposal

- The notified chemical should be disposed of by landfill.

Emergency procedures

- Contain and collect spillage with absorbent materials (eg sand earth, vermiculite). Transfer to sealed containers suitable for storing spilled material. Clean and flush areas in contact with spilled material with adequate water to render the area safe for human contact.

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

- information on toxicity and ecotoxicity studies conducted on the notified chemical becomes available

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

Black Dye 3 Summary Report Reference No: STD/1122

Toxikos Pty Ltd (ABN 30 095 051 791) of 293 Waverly Road Malvern East VIC 3145 and Hewlett-Packard Australia Pty Ltd (ACN 004 394 763) of 31 - 41 Joseph Street Blackburn VIC 3130 have submitted a standard notification statement in support of their application for an assessment certificate for Black Dye 3. The notified chemical is intended to be used as an ink component for use in inkjet printers. The ink containing the notified chemical at < 6% is to be imported in inkjet printer cartridges. These cartridges are periodically replaced by office workers or the public. Less than 3 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 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

On the basis of the PEC/PNEC ratio:

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

RECOMMENDATIONS

Control Measures

Occupational Health and Safety

- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing Black Dye 3 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 empty cartridges and ink containing the notified chemical should be disposed of in landfill in accordance with federal, state and local regulations.

Emergency procedures

- Spills/release of the ink containing the notified chemical should be handled by containing the spill by soaking up with absorbent material (sawdust, sand or earth). Slowly vacuum or sweep the material/used absorbent into a bag or other sealable container for disposal.
- Do not allow material or contaminated packaging to enter drains, sewers or water courses. Do not flush into surface water or sanitary sewer 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.

10 PUBLICATION SUMMARY REPORT

**Magenta Dye 4
Summary Report
Reference No: STD/1123**

Toxikos Pty Ltd (ABN: 30 095 051 791) of 293 Waverly Road Malvern East VIC 3145 and Hewlett-Packard Australia Pty Ltd (ABN: 74 004 394 763) of 31-41 Joseph Street Blackburn VIC 3130 have submitted a standard notification statement in support of their application for an assessment certificate for Magenta Dye 4. The notified chemical is to be used as is a dye used in preparations in inkjet reprographic processes. Between one and three 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 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 described in this notification.

Environmental Effects

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

RECOMMENDATIONS*Control Measures*

Occupational Health and Safety

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical as introduced:
 - Avoid ocular and dermal exposure
- 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

Disposal

- The empty cartridges and ink containing the notified chemical should be disposed of in landfill in accordance with Federal, State and Local government regulations.

Emergency procedures

- Spills/release of the ink containing the notified chemical should be handled by containing the spill by soaking up with absorbent material (sawdust, sand or earth). Slowly vacuum or sweep the material/used absorbent into a bag or other sealable container for disposal.
- Do not allow material or contaminated packaging to enter drains, sewers or water courses. Do not flush into surface water or sanitary sewer 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.

11 PUBLICATION SUMMARY REPORT

**Collacral VAL
Summary Report
Reference No: EX/68**

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 Collacral VAL, a synthetic polymer with NAMW < 1000. The notified polymer is intended to be used as a thickener and stabiliser for polymer dispersions and other aqueous systems for waterproofing membrane formulations. The notified polymer will be reformulated at two sites in NSW and Victoria to produce the formulations, which will be used throughout Australia. A quantity in the range of 1 to 10 tonnes of the notified chemical will be imported per annum for each of the first five years.

Since granting of the abovementioned Assessment Certificate, Clariant (Australia) Pty Ltd (ABN 30 069 435 552) of 675 Warrigal Road, Chadstone VIC 3148 has submitted a notification statement in support of their application for an extension of the original Assessment Certificate for Collacral VAL. BASF has agreed to this extension. Information submitted by Clariant (Australia) Pty Ltd pertains to the introduction of the notified chemical in the product Fadex ECS Liquid, which will be used to treat textiles for car upholstery. Introduction volumes will be less than 10 tonnes 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 for industrial reformulation and application as described in the notification.

Environmental Effects

The low environmental exposure, combined with the low toxicity of the polymer indicates the polymer is not likely 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 polymer during reformulation and dyeing operations:
 - impervious gloves, safety eyewear and industrial clothing and footwear

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 in landfill or by incineration according to local and State regulations.

Emergency procedures

- Spills/release of the notified polymer should be handled by the methods outlined 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 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.

12 PUBLICATION SUMMARY REPORT

Polymer in TD-1355-HM Summary Report Reference No: LTD/1163

Henkel Australia Pty Ltd (ABN 82 001 302 996) 135 – 141 Canterbury Rd Kilsyth VIC 3137 has submitted a limited notification statement in support of their application for an assessment certificate for Polymer in TD-1355-HM. The notified polymer is intended to be used as a chromium-free pre-treatment for coil coating. The notified polymer will be introduced into Victoria as a polymer solution and used as a component of a corrosion inhibitor for treatment of steel coil for use in applications where sheet steel is required. Less than 100 tonnes of the notified polymer will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

Based on the available data, the notified polymer is not classified as a hazardous substance in accordance with 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 described.

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

- 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. Particular note should be taken of the hazards of the polymer solution TD-1355-HM to be imported and the corrosion inhibitor product of which this solution is a component.

Environment

Emergency procedures

- Spills/release of the notified polymer should be handled by containing and collection in an inert absorbent material (eg. sand, earth, vermiculite). Transfer to sealable labelled containers for storage. Clean and flush areas in contact with spilled material with adequate water. Wash waters may contain residues that should be sent to sewer for treatment.
- Do not allow spills to enter drains or water courses.

Disposal

- The notified polymer should be disposed of to landfill or incinerator in accordance with local jurisdiction waste disposal regulations.
- Empty containers must be decontaminated. Use dilute solutions of soda ash or lime under controlled conditions. Normally neutralisation is required for landfill disposal. Discuss with local waste management authority. Emptied containers should be drained and triple rinsed with fresh water prior to return to the supplier or disposal to drum reconditioners or approved landfill site.

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.

13 PUBLICATION SUMMARY REPORT

Cinnamidopropyl Trimonium Chloride Summary Report Reference No: LTD/1165

Croda Singapore P/L (Trading as Croda Australia) of Suite A1, Ground Floor, 44-46 Mandarin St, Villawood, NSW, 2163 has submitted a limited notification statement in support of their application for an assessment certificate for Cinnamidopropyl trimonium chloride. The notified chemical is intended to be used as a hair conditioning agent in cosmetic preparations. Up to one tonne of the notified chemical will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

Based on the limited toxicological data for the notified chemical, it is not possible to classify the notified chemical as a hazardous substance in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances*. However, based on the *in vitro* skin irritation study, the analogue data provided and classification of similar chemicals, the following classification and labelling details should apply:

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

Occupational Health and Safety

Production Personnel

There is Moderate Concern to occupational health and safety under the conditions of the occupational settings described due to the potential for ocular exposure.

All other workers

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 at a concentration of 1-4% in formulated hair conditioner products.

Environmental Effects

On the basis of the PEC/PNEC ratios the notified chemical is not considered to pose an unacceptable risk to the environment based on its proposed import volumes and reported use pattern.

RECOMMENDATIONS

Regulatory Controls

Hazard Classification and Labelling

- Use the following risk phrases for products/mixtures containing the notified chemical:
 - $\text{conc} \geq 25\%$: R22; R38; R41
 - $20\% \leq \text{conc} < 25\%$: R38; R41
 - $10\% \leq \text{conc} < 20\%$: R41
 - $5\% \leq \text{conc} < 10\%$: R36

Control Measures

Occupational Health and Safety

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical as introduced:
 - Avoid contact with skin and eyes
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical as diluted for use:
 - Avoid contact with eyes
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical as introduced:
 - Protective eyewear, chemical resistant industrial clothing (coveralls) 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.

Public Health

- The following measures should be taken to minimise public exposure to the notified chemical:
 - The notified chemical should not be used in the consumer products at 5% or above.

Disposal

- The notified chemical should be disposed of by a licensed contractor to be disposed of according to approved method of chemical waste disposal.

Emergency procedures

- Spills should be contained and collected with an appropriate absorbent and put into containers for disposal. Flush the spill area with warm soapy water.
- Spilled material should not be allowed to enter waterways.

AICS

- When the notified chemical is added to the Australian Inventory of Chemical Substances (AICS), it should be annotated with the following conditions of use:
 - ‘for use in consumer products at a maximum concentration of <5%’
 - ‘introduced in quantities not exceeding one tonne per annum’
- For all other types of introduction the notified chemical will be regarded under the Act as a new chemical, and therefore subject to notification and assessment.

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 importation volume exceeds one tonne per annum notified chemical; or
- the notified chemical is included in consumer products at a concentration 5% or above

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. For the two conditions described under subsection 64 (1) the following information will need to be submitted if a secondary notification is required:

- physico-chemical properties, environmental fate data (particularly with respect to adsorption characteristics of the notified chemical), and a full suite of aquatic toxicity data (increase in volume).
- evidence that the notified chemical is unlikely to cause an adverse eye irritancy response at that concentration (increase in concentration).

14 PUBLICATION SUMMARY REPORT

Polymer A in Palene 710A Summary Report Reference No: PLC/522

Henkel Australia Pty Ltd (ABN 82 001 302 996) of 135-141 Canterbury Road Kilsyth VIC 3137 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer A in Palene 710 A. The notified polymer will be imported as a <10% (w/w) aqueous solution, which will be then further diluted with deionised water to an end use concentration of <1% for aluminium coating under an automated and enclosed process. Up to one 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. The results of toxicity testing data submitted support this conclusion.

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.

Disposal

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

Emergency procedures

- Spills/release of the notified polymer should be handled by sweeping onto suitable material and transfer to a sealable waste container for appropriate disposal in accord with government regulations.

Secondary Notification

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

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

**Polymer in Dynoadd F-102
Summary Report
Reference No: PLC/535**

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 and Dynea WA Pty Ltd (ABN: 62 009 111 264), 7 Moore Road, Dardanup WA 6236 have submitted a joint polymer of low concern (PLC) notification statement in support of their application for an self-assessed assessment certificate for DYNOADD F-102. The notified polymer is intended to be used as an additive for coatings in the automotive industry. Up to five 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. This low hazard is supported by tests demonstrating low acute oral and dermal toxicity, slight irritation to skin and eyes and no evidence of mutagenicity in an Ames Assay.

Occupational Health and Safety

There is No 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.

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

- Impervious gloves
- Respiratory protection if ventilation is insufficient
- 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 paint manufactures and warehouse sites to minimise environmental exposure during paint formulation and storage of the notified polymer:
 - All process equipment and storage areas should be banded.

Disposal

- The notified polymer should be disposed of to landfill for solids and to licensed waste contractors for liquids.

Emergency procedures

- Spills/release of the notified polymer should be contained by soaking up with inert absorbent material and dispose of as special waste in compliance with local and State regulations as recommended in the MSDS.
 - Prevent product from entering drains.

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 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. 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.

17 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
676	Givaudan Australia Pty Ltd	2128	3-Methyl cyclotetradec-5-en-1-one	Yes	Fragrance Ingredient	24.2.05
677	International Flavours & Fragrances (Australia) Pty Ltd	3175	Tiare Flower Absolute	ND	Fragrance Ingredient	28.2.05

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

18 COMMERCIAL EVALUATION CATEGORY PERMIT

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

Table 2
Commercial Evaluation Category Permits

PERMIT NUMBER	COMPANY NAME	COMPANY POSTCODE	CHEMICAL OR TRADE NAME	HAZARDOUS SUBSTANCE	QUANTITY	USE	PERIOD APPROVED
605	Duromer Products Pty Ltd	2138	Fruggolen P22	No	900 kg	Plastic additive	2 yrs
606	Hawker De Havilland Aerospace Pty Ltd	3207	Benzeneamine, 4,4'-methylenebis[2-methyl-6-(1-methylethyl)-	Yes	4000 kg	Component of epoxy resin	2 yrs

19 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
366	PPG Industries Australia Pty Ltd	Polymer in WF-038	Surface Coating
367	PPG Industries Australia Pty Ltd	Polymer in KZX-864	Surface Coating
368	PPG Industries Australia Pty Ltd	Polymer in ZD-338	Surface Coating
369	PPG Industries Australia Pty Ltd	Polymer in NB-080 Core	Surface Coating
370	PPG Industries Australia Pty Ltd	Polymer in KH-740	Surface Coating
371	PPG Industries Australia Pty Ltd	Polymer in NT-200	Surface Coating
372	Cognis Australia Pty Ltd	Filasint 3923	Textile Processing Agent
373	National Starch & Chemical Pty Ltd	Dry Flo AF	Cosmetics

20 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	CAS NUMBER	MOLECULAR FORMULA
Alkenes, C24-28 alpha-, polymers with C24-54-branched and linear alpha-alkenes, maleic anhydride and 1-octadecene, cetyl stearyl esters	214080-10-1	Unspecified
Castor oil, ester with trimethylolpropane	68551-65-5	Unspecified
Calcium xylene sulfonate	28088-63-3	C ₈ H ₁₀ O ₃ S.1/2C a
D-Glucitol, 1-deoxy-1-(methylamino)-, N-C10-16 acyl derivs.	173145-38-5	Unspecified
1,4-Benzenedicarboxylic acid, polymer with 3-(dodecenyldihydro-2,5-furandione, formaldehyde, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxy)]bis[ethanol], alpha,alpha'-[(1-methylethylidene)di-4,1-phenylene]bis[omega-hydroxypoly[oxy(methyl-1,2-ethanediyl)]], methyloxirane and phenol	202420-33-5	(C ₁₉ H ₂₄ O ₄ .C ₁₆ H ₂₆ O ₃ .C ₈ H ₆ O ₄ .C ₆ H ₆ O.(C ₃ H ₆ O) _n (C ₃ H ₆ O) _n C ₁₅ H ₁₆ O ₂ .C ₃ H ₆ O.CH ₂ O) _x
4-[4-Chloro-6-(N-ethylanylino)-[1,3,5]triazin-2-ylamino]-2-[1-(2-chlorophenyl)-5-hydroxy-3-methyl-1H-pyrazol-4-ylazo]benzene sulfonic acid monosodium salt	136213-75-7	C ₂₇ H ₂₃ Cl ₂ N ₉ O ₄ S.Na
Fatty acids, C18-unsatd., dimers, polymers with diethylene glycol, reaction products with bisphenol A-epichlorohydrin polymer and 2,2'-[1,4-butanediylbis(oxymethylene)]bis[oxirane]	227468-90-8	Unspecified
Oxirane, ethyl-, homopolymer, monoisotridecyl ether	173140-85-7	C ₁₃ H ₂₈ O.(C ₄ H ₈ O) _x
2-Propenoic acid, 2-methyl-, oxiranylmethyl ester, polymer with ethene	26061-90-5	(C ₇ H ₁₀ O ₃ .C ₂ H ₄) x

Hexanedioic acid, polymer with 2,2-dimethyl-1,3-propanediol, 1,2-ethanediamine, alpha-hydro-omega-hydroxypoly(oxy-1,4-butanediyl), 3-hydroxy-2-(hydroxymethyl)-2-methylpropanoic acid and 1,1'-methylenebis[4-isocyanatocyclohexane], compd. with 2-(dimethylamino)ethanol	71195-81-8	$(C_{15}H_{22}N_2O_2 \cdot C_6H_{10}O_4 \cdot C_5H_{12}O_2 \cdot C_5H_{10}O_4 \cdot (C_4H_8O)_n \cdot H_2O \cdot C_2H_8N_2)_x \cdot xC_4H_{11}NO$
1,4-Cyclohexanedicarboxylic acid, di-2-propenyl ester, polymer with 1,2-propanediol	153048-38-5	$(C_{14}H_{20}O_4 \cdot C_3H_8O_2)_x$
1-Propene, 3,3,3-trifluoro-2-(trifluoromethyl)-, polymer with chlorotrifluoroethene and ethene	54302-04-4	$(C_4H_2F_6 \cdot C_2H_4 \cdot C_2ClF_3)_x$
Propane, 1,1,1,2,2,3,3-heptafluoro-3-[(trifluoroethenyl)oxy]-, polymer with chlorotrifluoroethene and ethene	35397-13-8	$(C_5F_{10}O \cdot C_2H_4 \cdot C_2ClF_3)_x$

21 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	CAS NUMBER	MOLECULAR FORMULA
Phosphorodithioic acid, mixed O,O-bis(sec-Bu and isooctyl) esters, zinc salts	113706-15-3	Unspecified