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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.

CONTENTS

1 DRAFT PRIORITY EXISTING CHEMICAL REPORT FOR LEAD COMPOUNDS IN INDUSTRIAL SURFACE COATINGS AND INKS

In accordance with section 60E(1) of the *Industrial Chemicals (Notification and Assessment) Act* 1989 (the Act), as amended, notice is hereby given by the Director that the draft Priority Existing Chemical (PEC) assessment report for lead compounds in industrial surface coatings and inks is available for public comment.

Under Section 60D of the Act, the draft PEC report was given to applicants for 28 days to enable corrections of any errors. The draft report has been corrected and is now available for public comment.

The report presents a summary and evaluation of information relevant to an assessment of lead compounds in industrial surface coatings and inks, covering uses, exposure, effects on human health and the risks of adverse effects the chemical may cause to workers and the general public. Recommendations on reducing the risks are made.

The draft report (hard or read-only electronic copy) may be requested by contacting Stephen Zaluzny by phone **(02) 8577 8883** or fax **(02) 8577 8888** or email to stephen.zaluzny@nicnas.gov.au. Requests should clearly state which form (hard or electronic copy) is required. The draft report is also available on the NICNAS website at http://www.nicnas.gov.au/news

Variation requests should be received in writing by NICNAS by close of business on **1 May 2007**. This is a statutory deadline, which cannot be extended.

Submission format for variation requests
Any requests for variation must be made with respect to the draft report and accompanied by a completed application form (NICNAS Form 4a) which is available on the NICNAS website at http://www.nicnas.gov.au/Forms/Existing_Chemicals/Form4a_PDF.pdf.

Applications should clearly outline any amendment or change(s) requested. All applications for variation must identify the exact words, sentence or paragraph in the report to be varied and then state replacement words, sentences or paragraphs. The rationale behind any request for variation must be clearly explained, with references where relevant.

Requests for variation should be sent to: NICNAS, PO Box 58, Sydney NSW 2001.

2 SECONDARY NOTIFICATION OF NOTIFIED CHEMICAL LAROMER LR 8981 (LTD/1188)

Under subsection 65(2) of the *Industrial Chemical (Notification and Assessment) Act 1989* (the Act), the Director requires the secondary notification of **Laromer LR 8981** by:

BASF Australia Ltd
500 Princes Hwy
Noble Park NSW 3174

The data required, referring to the relevant sections of the schedule to the Act, are as follows:

1. Identity, Properties and Uses (Part B of the Schedule)

Any changes in the following scheduled data items from that submitted in the original notification:

1. Name under which the chemical will be marketed.
3. (i) Proposed uses of the polymer.
   (ii) Concentration of the polymer in its imported form.
5. Import quantity.
6. Occupational exposure for all workers to be involved in working with the chemical, including details of any adverse health effects on occupational health and safety observed since the certificate was issued.
7. Information about the release of the chemical into the environment at all stages of its use.

2. Toxicity (Part C of the Schedule)

Human Health

(b) the chemical's toxic effects after a single dermal exposure;
(f) any sensitising potential of the notified chemical;
(g) the toxic effects of the chemical on administration for a period of 10 to 14 days;
(h) any induction by the chemical of point mutations in microbial test systems;
(k) any production by the chemical of chromosome damage in mammalian cells grown in vitro;

Ecotoxicity

(m) the toxicity of the chemical to fish after their continuous exposure for 4 days to a series of concentrations of the chemical in water assessed by the test known as the Fish Acute Toxicity test;
(n) the toxicity of the chemical to aquatic invertebrates shown by the effects of the chemical on daphnids exposed to a series of concentrations of the chemical in water assessed by the test known as *Daphnia* sp, Acute Immobilisation and Reproduction test;
(p) the effects of the chemical on algae exposed for at least 3 days to a series of concentrations of the chemical in water assessed by the test known as the Algal Growth Inhibition Test;
(q) the tendency of the chemical to degrade assessed using the test known as a Ready Biodegradability Test;
(r) the potential of the chemical to bioaccumulate in both aquatic and land environments.

Any additional data available on toxicological and/or ecotoxicological effects of the chemical.

BASF Australia Ltd must complete one of the following options within 28 days of the publication of this notice:

1. Submit the information required**;** OR
2. Submit a timetable setting out when and how the information required will be provided.

3 PUBLICATION SUMMARY REPORT

Ajisper PB-82 Series
Summary Report
Reference No: LTD/1294

Toyo Ink Australia Pty Ltd (ABN 29 006 294 837) of 29 Garden Street Kilsyth VIC 3137 has submitted a limited notification statement in support of their application for an assessment certificate for Ajisper PB-82 Series. The notified polymer is intended to be used as a pigment dispersing agent in paints, coatings and inks. Up to two 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 can not be classified as hazardous under the NOHSC *Approved Criteria for Classifying Hazardous Substances*.

Based on the summary test reports provided, the notified polymer was found to be slightly irritating to skin, moderately irritating to eyes. It was not found to be a skin sensitiser based on the study provided, however, this conclusion was based on a summary test report containing limited study details. The notified polymer contains a functional group of concern, indicating that it may possess skin sensitisation properties. However, the polymer has a high number average molecular weight (Mn) of >1000, relatively low levels of low molecular weight species, and is unlikely to cross biological membranes.

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

- Employers should implement the following engineering controls to minimise occupational exposure to the notified polymer:
  - Local exhaust ventilation during reformulation and packaging.
  - Ventilation during paints and coating operations.
  - Local exhaust ventilation should be in place during all spraying operations.

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified polymer:
  - Avoid skin and eye contact.
  - Avoid inhalation exposure to imported powder formulation.
  - Spray operations should be according to the NOHSC National Guidance for Spray Painting (1999).

- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer:
  - Safety glasses, gloves and protective industrial clothing during reformulation and end uses.

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

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

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

Environment

Disposal

- The notified polymer should be disposed of by licensed waste disposal with incineration where permitted.

Emergency procedures

- Spills or accidental release of the notified polymer should be handled by physical collection such as sweeping or vacuuming. Transfer to suitable containers for re-use if practicable 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(1) of the Act; if
- the polymer has a number-average molecular weight of less than 1000;
- additional data becomes available regarding skin sensitisation;

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.

4 PUBLICATION SUMMARY REPORT

Bio-Reporter
Summary Report
Reference No: LTD/1296

Nalco Australia Pty Ltd (ABN 41 000 424 788) of 2 Anderson St, Botany NSW has submitted a limited notification statement in support of their application for an assessment certificate for "Bio-Reporter". The notified chemical is intended to be used as a chemical indicator in industrial water cooling tower systems, Australia-wide. Less that 1 tonne of the notified chemical will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

Due to the lack of available data the notified chemical cannot be classified as hazardous under the NOHSC *Approved Criteria for Classifying Hazardous Substances*.

Occupational Health and Safety

The notified chemical is not considered to pose a significant risk to occupational health and safety under the conditions of the occupational settings described.

Public Health

There is negligible risk to public health when used as an indicator in industrial water cooling systems.

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 safe work practices to minimise occupational exposure during handling of the notified chemical:
  - Avoid skin contact with products containing the notified chemical.
  - Avoid generating airborne dusts where powders containing the notified chemical might occur.

- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical and products containing the notified chemical:
  - safety glasses, gloves and overalls should be worn while handling products containing the notified chemical; and

– where dusts of the notified chemical may be present, a dust respirator should be worn.

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 to landfill.

Emergency procedures

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

Secondary Notification

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 importation volume exceeds one tonne per annum notified chemical.

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. In this event, a full version of the fish ecotoxicity report and results should be provided.

5 PUBLICATION SUMMARY REPORT

Polymer in Tech Bond
Summary Report
Reference No: LTD/1300

Nalco Australia Pty Ltd (ABN 41 000 424 788) of 2 Anderson St, Botany, NSW, has submitted a limited notification statement in support of their application for an assessment certificate for "Polymer in Tech Bond". The notified polymer is intended to be used as a protective coating for metal surfaces, Australia-wide. Less than 2 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 lack of available data, the notified polymer cannot be classified under the NOHSC *Approved Criteria for Classifying Hazardous Substances*.

Occupational Health and Safety

The notified polymer is presents a low risk to occupational health and safety under the conditions of the occupational settings described.

Public Health

The notified polymer presents a low risk to public health as an ingredient of ready-to-use wipes for treatment of unpainted metal surfaces.

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 handling of the notified polymer as introduced and as diluted for use:
  - Prevent the formation of mists during handling of solutions containing the notified polymer.

- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer as introduced and as diluted for use:
  - safety glasses, coveralls, chemical-resistant apron, rubber boots and gloves/chemical gauntlets
  - respirator (where mists of the notified polymer solution occur)

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

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

- If products and mixtures containing the notified 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.

Public Health

- The following measures should be taken to minimise public exposure to the notified polymer:
  - Packaging of ready-to-use wipes should specify the use of gloves during application.

Disposal

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

Emergency procedures

- The following procedures should be carried out for spills or accidental release of the notified polymer:
  - For small spills, soak up spill with absorbent material. Place residues in a suitable, covered, properly labelled container. Wash affected area.
  - For large spills, contain liquid using absorbent material, by digging trenches or by diking. Reclaim into recovery or salvage drums or tank truck for proper disposal. Contaminated surfaces should be cleaned with water or with aqueous cleaning agents. Contact an approved waste hauler for disposal of contaminated recovered material.

Secondary Notification

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

Under Section 64(1) of the Act; if
- the polymer has a number-average molecular weight of less than 1,000 Da.

or

Under Section 64(2) of the Act:
- if any of the circumstances listed in the subsection arise.

6 PUBLICATION SUMMARY REPORT

Adduct NIP346658
Summary Report
Reference No: STD/1169

Huntsman Advanced Materials (Australia) Pty Ltd (ABN 93091627879) of Gate 3, Ballarat Road, Deer Park, Victoria 3023 has submitted a standard notification statement in support of their application for an assessment certificate for Adduct NIP346658. The notified polymer is intended to be used as a hardener in a two-part epoxy resin industrial coating system in large construction projects. Up to 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

Based on the on the limited toxicological data for the notified polymer it is not possible to classify the notified chemical as a hazardous substance in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances* (NOHSC, 2004). However, based on data for analogues the notified polymer the following classification and labelling details should apply:

- R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed
- R43 - May cause sensitisation by skin contact
- R34 - Causes burns

Occupational Health and Safety

There is Moderate Concern to occupational health and safety under the conditions of the occupational settings described, due to the risk of sensitisation and irritation. This risk will be reduced by the implementation of appropriate controls at the coating application sites.

Public Health

There is Negligible Concern to public health under the proposed conditions of use.

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

- Use the following risk phrases for products/mixtures containing the notified chemical:
  - Conc ≥ 25%: R20/21/22; R34; R43;
  - 25%> Conc ≥ 10%: R34; R43
  - 10%> Conc ≥ 5%: R36/37/38; R43
  - 5%> Conc ≥ 1%: R43

- Products containing more than 1% notified chemical and available to the public must carry the following safety directions on the label:
  - S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
  - S36 Wear suitable protective clothing
  - S37 Wear suitable gloves
  - S42 During spraying wear suitable respiratory equipment (appropriate wording to be specified by the manufacturer)
  - S63 In case of accident by inhalation: remove casualty to fresh air and keep at rest.
  - S64 If swallowed, rinse mouth with water, (only if the person is conscious)

Health Surveillance

- As the notified chemical is a 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.
- Sensitised workers should be advised not to further handle the notified polymer.

Control Measures

- Employers should implement the following isolation and engineering controls to minimise occupational exposure to the notified chemical as mixed for use:
  - enclosure of pumps and filling machines during repackaging to prevent exposure to aerosols;
  - isolation of spray working areas where possible;
  - local exhaust ventilation during transfer of notified polymer from drum to mixing tank;
  - good ventilation during preparation and application of coating solutions.

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical:
  - avoid skin and eye contact;
  - avoid breathing spray;
  - avoid spills and splashes, and clean up any spilt material promptly;
  - collect and dispose of over-spray waste without exposing workers to dust;
  - avoid skin contact with uncured coating when removing personal protective equipment; and
  - workers using spray technique to apply products containing the notified polymer should follow the NOHSC National Guidance Material for Spray Painting.

- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical as mixed for use, and as used in the mixed products:
  - protective gloves

- long-sleeved overalls
- eye protection
- appropriate respiratory protection where there is potential exposure to spray or dust during end-use (for vapour or for dust). This should meet the requirements set out under the NOHSC National Guidance for Spray Painting (1999) for epoxy resins.

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 incineration or to landfill.

Emergency procedures

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

Secondary Notification

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

Under Section 64(1) of the Act; if

- the notified polymer is made available to the public.

or

Under Section 64(2) of the Act; if

- if any additional information in relation to the notified polymer becomes available
- if any of the circumstances listed in the subsection arise.

The Director will then decide whether secondary notification is required.

7 PUBLICATION SUMMARY REPORT

12H-Dibenzo[d,g][1,3,2]dioxaphosphocin, 2,4,8,10-tetrakis(1,1-dimethylethyl)-6-hydroxy-, 6-oxide, lithium salt
Summary Report
Reference No: STD/1210

Marubeni Australia Ltd (ABN 000 329 699) of Level 18, 367 Collins St Melbourne VIC 3000 has submitted a standard notification statement in support of their application for an assessment certificate for 12H-Dibenzo[d,g][1,3,2]dioxaphosphocin, 2,4,8,10-tetrakis(1,1-dimethylethyl)-6-hydroxy-, 6-oxide, lithium salt. The notified chemical is intended to be used as a nucleating agent and/or a clarifying agent in polypropylene plastics. Up to 15 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:

- Xn: Harmful
- R20 Harmful by inhalation
- S22: Do not breathe dust
- S45: In case of accident or if you feel unwell seek medical advice immediately (show the label where possible)
- S51: Use only in well-ventilated areas

Occupational Health and Safety

There is moderate concern to occupational health and safety under the conditions of the occupational settings described for the workers handling the imported powder.

There is low concern to occupational health and safety under the conditions of the occupational settings described for the workers handling the formulated pellets and end-use articles.

Public Health

There is negligible concern to public health when used in plastic products.

Environmental Effects

Based upon the proposed use and release patterns, the notified chemical is not expected to pose an unacceptable risk to the environment.

RECOMMENDATIONS

Regulatory Controls
Hazard Classification and Labelling

- The Office of the ASCC, Department of Employment and Workplace Relations (DEWR), should consider the following health hazard classification for the notified chemical:
  - Xn Harmful: R20 Harmful by inhalation

- Use the following risk phrases for products/mixtures containing the notified chemical:
  - ≥ 25%: Xn R20 Harmful by inhalation

- The following safety phrases should appear on the MSDS and label for the notified chemical:
  - S22: Do not breathe dust
  - S45: In case of accident or if you feel unwell seek medical advice immediately (show the label where possible)
  - S51: Use only in well-ventilated areas

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

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical as introduced:
  - Avoid generating and inhaling dusts
  - Clean-up operations should employ methods which avoid dust generation such as vacuuming (with appropriate filter) or wet clean-up
  - Where possible, utilise granulated or other low-dust formulations of the notified chemical
  - Avoid contact with eyes
  - Avoid contact with skin

- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical as introduced:
  - Full respiratory protection capable of filtering out respirable particles during processes where exposure to dust is likely
  - Safety eye protection
  - Protective clothing
  - Chemical-resistant gloves

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

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

- If products and mixtures containing the notified chemical are classified as hazardous to health in accordance with the 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 incineration or to landfill.

Emergency procedures

- In case of spill, dampen down powder and avoid dust. Spills or accidental release of the notified chemical should be handled by physical containment, collection and subsequent safe disposal.

Secondary Notification

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

Under Section 64(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.

8 PUBLICATION SUMMARY REPORT

SREP-011EX
Summary Report
Reference No: PLC/690

Ricoh Australia Pty Ltd (ABN 30 000 593 171) of 8 Rodborough Rd, Frenchs Forest NSW 2086 and Lanier Australia Pty Ltd (ABN: 39 001 568 958) of 854 Lorimar Street, Port Melbourne VIC 3207 have submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for SREP-011EX. The notified polymer is intended to be used as a component of toner cartridges and developers for industrial printing machines. Up to 4 tonnes of the notified polymer will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

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

Occupational Health and Safety

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

Public Health

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

Environmental Effects

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

RECOMMENDATIONS

Control Measures
Occupational Health and Safety

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

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

- Service personnel should wear cotton or disposable gloves and ensure adequate ventilation is present when removing spent printer cartridges containing the notified polymer and during routine maintenance and repairs.

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

- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the 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.

Emergency procedures

- Spills/release of the notified polymer should be handled by collecting the cartridge intact and landfilled.

- Contain the spill and absorb with sawdust, sand or earth.

- Place used absorbent in suitable sealed containers 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(1) of the Act; if

- the notified polymer is introduced in a chemical form that does not meet the PLC criteria.
- the notified polymer is not used as a component of toner cartridges and developers for industrial printing machines.

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

9 PUBLICATION SUMMARY REPORT

SREL-89
Summary Report
Reference No: PLC/691

Ricoh Australia Pty Ltd (ABN: 30 000 593 171) of 8 Rodborough Rd, Frenchs Forest NSW 2086 and Lanier Australia Pty Ltd (ABN: 39 001 568 958) of 854 Lorimar Street, Port Melbourne VIC 3207 have submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for SREL-89. The notified polymer is intended to be used as a component of toner cartridges and developers for industrial printing machines. Up to 4 tonnes of the notified polymer will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

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

Occupational Health and Safety

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

Public Health

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

Environmental Effects

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

RECOMMENDATIONS

Control Measures
Occupational Health and Safety

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

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

- Service personnel should wear cotton or disposable gloves and ensure adequate ventilation is present when removing spent printer cartridges containing the notified polymer and during routine maintenance and repairs.

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

- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the 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 to landfill.

Emergency procedures

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

Secondary Notification

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

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

10 PUBLICATION SUMMARY REPORT

EPG1267
Summary Report
Reference No: SAPLC/61

Epson Australia Pty Ltd (ABN 91-002-625-783) of 3 Talavera Road, North Ryde, NSW, Australia, 2113 has submitted a polymer of low concern (PLC) notification statement in support of their application for a self-assessed assessment certificate for EPG1267. The notified polymer is intended to be used as Component of ink for use in printer cartridges. Up to 0.3 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. The reported toxicological end points were also indicative 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 Low Concern to public health when used as recommended

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.

- Service personnel should wear cotton or disposable gloves and ensure adequate ventilation is present when removing spent printer cartridges containing the notified polymer and during routine maintenance and repairs.

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

- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the 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 approved incineration or in approved waste facility.

Storage

- The ink containing the notified polymer should be protected from direct sunlight.

Emergency procedures

- Spills/release of the notified polymer should be handled by covering the spillage with a non-combustible material e.g. sand and transferring to sealable containers.

Secondary Notification

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

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

11 PUBLICATION SUMMARY REPORT

Polymer in Revolution
Summary Report
Reference No: EX/92

BASF Australia Ltd (ABN 62 008 437 867) of Kororoit Creek Road, Altona VIC 3018 and Nuturf Pty Ltd (ABN: 30 000 425 927) of Unit B2 Lidcombe Business Park, 3-9 Birnie Avenue, Lidcombe, NSW 2141 have submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in Revolution. The notified polymer is intended to be used as an application on bowling and golf greens as a surfactant for optimisation of grass root zone moisture and maintenance of turf performance. Up to fifty (50) tonnes of the notified polymer will be imported per annum for each of the first five years.

Since the assessment certificate has been granted for the above notified polymer, Globe Australia Pty. Ltd. (ABN 75 001 429 714) of 87 Allingham Street, Condell Park, NSW 2200 has submitted a supplementary information statement in support of their application for extension of the original assessment certificate (No.2131, PLC/529) together with a written agreement of the holders of the original certificate, BASF Australia Ltd and Nuturf Pty Ltd. The use of the notified chemical will be as above. Up to 18.3 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

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 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

- 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 and during application as Polymer in Revolution:
  - Adequate induction and training programs for ground maintenance staff on the correct handling of the notified polymer as introduced and the use of application equipment.
  - Do not breathe spray
  - Avoid direct exposure to spray drift
  - Wear suitable protective clothing, gloves and eye protection
  - If dust is generated, wear a dust mask

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

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

Environment

Disposal

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

Emergency procedures

- Pick up spills with suitable absorbent material. Dispose of absorbed material in accordance with 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.

12 PUBLICATION SUMMARY REPORT

1,2-benzenedicarboxylic acid, bis(2-propylheptyl) ester (Palatinol 10-P) Summary Report Reference No: EX/93

BASF Australia Limited of 500 Princes Highway Noble Park VIC 3174 and Orica Australia Pty Ltd of 1 Nicholson Street Melbourne VIC 3000 have submitted a standard notification statement in support of their application for an assessment certificate for 1,2-benzenedicarboxylic acid, bis(2-propylheptyl) ester (Palatinol 10-P)**.** The notified chemical is intended to be used as a plasticiser for polyvinyl chloride (PVC) and vinyl chloride copolymers in automobile undercoating, building materials, wires, cables, shoes, carpet backing, pool liners and gloves. Up to 1000 tonnes of the notified chemical will be imported per annum for the first five years.

Since the assessment certificate has been granted for the above notified polymer, Textron Fastening Systems Pty Ltd (ABN 98 000 482 986) of 891 Wellington Road, Rowville VIC 3178, has submitted a supplementary information statement in support of their application for extension of the original assessment certificate (No. 1690 and No. 1691, STD/1054) together with a written agreement of the holder of the original certificate, BASF Australia Ltd and Orica Australia Pty Ltd. Textron Fastening Systems Pty Ltd intends to use the notified chemical as a plasticiser in adhesives/sealants for trucks, coaches, caravans, transport/storage containers, and automotive repair purposes, as well as industrial and construction uses. They will be importing up to 5 tonnes of the notified chemical 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 a hazardous substance under the NOHSC *Approved Criteria for Classifying Hazardous Substances*.

Occupational Health and Safety

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

Public Health

There is No Significant Concern to public health under the end-use conditions described.

Environmental Effects

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

RECOMMENDATIONS

Regulatory Controls
Use

- The notified chemical is not to be used in toys or food and medical contact materials.

Control Measures
Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to the notified chemical:
  - Enclosure of formulation processes as much as possible
  - Local exhaust ventilation where process not enclosed

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical:
  - Avoid generation of vapours and aerosols during transfer and mixing operations

- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical:
  - Overalls
  - Chemical-resistant gloves (nitrile rubber or neoprene)
  - Goggles or safety spectacles

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

- The following amendments to the MSDS provided by the extension applicant are suggested:
  - Section 3 should indicate the presence of the notified chemical;
  - Section 11 should reflect the available toxicological information on 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

- The following control measures should be implemented by end users to minimise environmental exposure during use of the notified chemical:
  - Do not allow material or contaminated packaging to enter drains, sewers or water courses.

Disposal

- The notified chemical should be disposed of by either incinerating liquid wastes containing the notified chemical or landfill for PVC articles containing the notified chemical.

Emergency procedures

- Spills/release of the notified chemical should be handled by containment to prevent run-off sorbed onto an absorbent material (soil, sand or other inert material). Collect and seal in properly labelled 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 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.

13 ACCESS TO FULL PUBLIC REPORT

NICNAS publishes a Full Public Report for each new chemical assessed. These reports are available for inspection at our NICNAS office by appointment only at 334-336 Illawarra Road, Marrickville NSW 2204.

Reports can also be viewed and downloaded free of charge from our website at 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 8870 or fax: (02) 8577 8888.

14 LOW VOLUME CATEGORY PERMITS

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

Table 1
Low Volume Category Permits

PERMIT NUMBER	COMPANY NAME	COMPANY POSTCODE	CHEMICAL OR TRADE NAME	HAZARDOUS SUBSTANCE	USE	DATE
749 (Renewal)	Epson Australia Pty Ltd	2113	NEJI-7	No	Ink additive	9/03/07
750 (Renewal)	International Flavours & Fragrances (Australia) Pty Ltd	3175	Breu Wood Resin	Yes	Cosmetic ingredient	21/03/07
751	Givaudan Australia Pty Ltd	2128	2-propenoic acid, 3-(2-hydroxyphenyl)-, 9-decen-l-yl ester, (2E)-	Yes	Fragrance ingredient	15/03/07

15 EARLY INTRODUCTION PERMITS FOR NON-HAZARDOUS INDUSTRIAL CHEMICALS

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

Table 2

Early Introduction Permits

PERMIT NUMBER	COMPANY NAME	CHEMICAL OR TRADE NAME	USE
489	Cytec Australia Holdings Pty Ltd	Polymer in Viapal VUP 4693 E/68	Binder for automotive industry
490	Tradechem Pty Ltd	Polymer in Ethacryl Dispersants	Dispersant in gypsum and concrete
491	Rheochem Limited	Polydrill	Additive for oil and gas exploration
492	Cytec Australia Holdings Pty Ltd	Viacryl ® VSC 6295 w/45 WA	Additive to paint and wood floor finishes

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

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

Table 4

Chemicals Eligible for Listing on the Australian Inventory of Chemical Substances

CHEMICAL NAME	MOLECULAR FORMULA	CAS NUMBER
1,3-Benzenedicarboxylic acid, polymer with 2,2-dimethyl-1,3-propanediol and oxiranylmethyl 2-methyl-2-propenoate	$(C_8H_6O_4.C_7H_{10}O_3.C_5H_{12}O_2)_x$	196497-50-4
Acetic acid, cerium(3+) salt, hydrate (2:3)	$C_2H_4O_2.1/3\ Ce.1/2H_2O$	17829-82-2
1,3-Butadiene, homopolymer, hydrogenated	Unspecified	68954-09-6
Fatty acids, C18-unsatd., dimers, reaction products with N,N-dimethyl-1,3-propanediamine and 1,3-propanediamine	Unspecified	162627-17-0
polyphosphoric acids, compds. with ethoxylated coco alkylamines	Unspecified	68132-19-4
2-Cyclopenten-1-one, 2,5-dihydroxy-5-methyl-3-(4-morpholinyl)-	$C_{10}H_{15}NO_4$	114625-74-0
1,4-Benzenedicarboxylic acid, polymer with 1,2-ethanediol, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxy)]bis[ethanol] and 1,1'-[(1-methylethylidene)bis(4,1-phenyleneoxy)]bis[2-propanol]	$(C_{21}H_{28}O_4.C_{19}H_{24}O_4.C_8H_6O_4.C_2H_6O_2)_x$	148556-68-7
1,3-Benzenedicarboxylic acid, polymer with 1,3-dihydro-1,3-dioxo-5-isobenzofurancarboxylic acid, 2,2-dimethyl-1,3-propanediol and poly(oxy-1,2-ethanediyloxycarbonyl-1,4-phenylenecarbonyl)	$((C_{10}H_8O_4)_n.C_9H_4O_5.C_8H_6O_4.C_5H_{12}O_2)_x$	913060-20-5
1,3-Benzenedicarboxylic acid, polymer with 1,4-benzenedicarboxylic acid, (chloromethyl)oxirane, 2,2-dimethyl-1,3-propanediol, 1,6-hexanediol and 4,4'-(1-methylethylidene)bis[phenol]	$(C_{15}H_{16}O_2.C_8H_6O_4.C_8H_6O_4.C_6H_{14}O_2.C_5H_{12}O_2.C_3H_5ClO)_x$	913697-95-7
ethanol, 2-[[2-nitro-4-(trifluoromethyl)phenyl]amino]-	$C_9H_9F_3N_2O_3$	10442-83-8

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

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

Table 5

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

CHEMICAL NAME	MOLECULAR FORMULA	CAS NUMBER
Poly(oxy-1,2-ethanediyl), alpha,alpha', -[1,4-dimethyl-1,4-bis (3-methylbutyl)-2-butyne-1,4-diyl]bis[omega-hydroxy-	$(C_2H_4O)_n(C_2H_4O)_nC_{16}H_{30}O_2$	169117-72-0
Tetrasodium [29H,31H-phthalocyaninetetrasulfonato (6-)-N29,N30,N31,N32] zincate(4-)	$C_{32}H_{12}N_8O_{12}S_4Zn.4Na$	27836-01-7
12H-Dibenzo[d,g][1,3,2]dioxaphosphocin, 2,4,8,10-tetrakis(1,1-dimethylethyl)-6-hydroxy-, 6-oxide, lithium salt	$C_{29}H_{42}O_4PLi$	85209-93-4
Cyclopentadecenone, 3-methyl-	$C_{16}H_{28}O$	82356-51-2