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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 NEW CHEMICALS FUNDAMENTALS37

PRE-HAZMAT WORKSHOPS ON THE REGULATION OF NEW INDUSTRIAL CHEMICALS

NICNAS will be running two half-day training workshops at the Sebel Albert Park, Melbourne on Wednesday 14th May 2008, prior to the HazMat 2008 Conference.

The morning workshop will be aimed at new notifiers and those needing a refresher course on NICNAS and the new chemical notification and assessment process. The afternoon session will be a more in-depth look at the notification and assessment process and will be most suitable for those directly involved in preparing submissions. Participants can register for one workshop or for the whole day. Both NICNAS and DEWHA (Department of the Environment, Water, Heritage and the Arts) assessors will be giving presentations and available to answer any questions you may have.

For more information and to register please download the flyer/registration form from our website. Spaces are limited so please book early. Registrations close on 11 April 2008.

For more information please contact Julie Brown on 02 8577 8870 or email industrytraining@nicnas.gov.au

If you are unable to attend these workshops but are interested in attending a workshop on the regulation of new industrial chemicals in your city please email us at industrytraining@nicnas.gov.au so we can gauge the interest in your area.

2 DECISIONS REGARDING REQUESTS TO VARY THE SECONDARY NOTIFICATION REPORT FOR CHEMICAL IN OLOA 270

In accordance with section 60E(6) of the *Industrial Chemicals (Notification and Assessment) Act* 1989, notice is hereby given by the Director that a decision was made on each request to vary the draft Existing Chemical Secondary Notification report on Chemical in OLOA 270 on 8 February 2008 and published on the NICNAS website.

A copy of the decisions can be obtained at www.nicnas.gov.au

Or

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3 PUBLICATION SUMMARY REPORT

Durasyn 223
Summary Report
Reference No: STD/1245

Amochem Pty Ltd (ABN 48 095 713 269) of 70 Marple Ave, Villawood NSW 2163 has submitted a standard notification statement in support of their application for an assessment certificate for DURASYN 223. The notified chemical is intended to be used as as a chemical intermediate in the preparation of alkyl phenols or in the preparation of alkyl succinic anhydrides and the like. Up to 2 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 *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)].

However, the notified chemical should be classified as R65 if it meets viscosity criteria.

Occupational Health and Safety

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

Public Health

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

Environmental Effects

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

RECOMMENDATIONS

Control Measures
Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to the notified chemical:
  - Local exhaust ventilation

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical:
  - Spillage should be avoided; spills should be cleaned up promptly with absorbents which should be put into containers for disposal; avoid contact with eyes and skin

- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical:
  - Goggles, respirator, chemical resistant gloves, overalls, and protective clothing

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

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

- If products and mixtures containing the notified chemical are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)], workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Environment

- The following concentration limits should be implemented for release of the notified chemical to the environment:
  - If emergency personnel are unavailable, contain spilled material. For small spill add absorbent material, scoop up and place in a sealed, liquid proof container for disposal. For large spills dike spilled material or otherwise contain material to ensure runoff does not reach waterway.

Disposal

- Avoid contact of spilled material and runoff with soil and surface waterways. Consult an environmental professional to determine if local, regional or national regulations would classify spilled or contaminated materials as hazardous waste. Dispose of in accordance with all applicable local and national regulations.

Storage

- Keep container tightly closed. Keep container in a cool, well ventilated area.

Emergency procedures

- Contain spilled material. For small spill add absorbent material, scoop up and place in a sealed, liquid proof container for disposal. For large spills dike spilled material or otherwise contain material to ensure runoff does not reach waterway.

Secondary Notification

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

(1) 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.

4 PUBLICATION SUMMARY REPORT

Hexanoic acid, 2-ethyl, 1,2,3-propanetriyl ester (Triethylhexanoin) Summary Report Reference No: LTD/1277

Croda Singapore Pty Ltd trading as Croda Australia (ABN 34 088 345 457) of 44-46 Mandarin Street, Villawood NSW 2163 has submitted a limited notification statement in support of their application for an assessment certificate for Hexanoic acid, 2-ethyl, 1,2,3-propanetriyl ester (Triethylhexanoin). The notified chemical is intended to be used as an excipient in personal care skin products such as creams, body washes, moisturizers and makeup, typically at concentrations between 1 and 15%. Up to 1 tonne of the notified chemical will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

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

Occupational Health and Safety

Under the conditions of the occupational settings described, the risk to workers is considered to be acceptable.

Public Health

When used in the proposed manner at concentrations $\leq$5% the risk to the public is considered to be acceptable.

Environmental Effects

On the basis of the PEC/PNEC ratio:

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

RECOMMENDATIONS

Control Measures
Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to the notified chemical as formulated into final products:
  - Use in well ventilated areas

- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical as formulating and handling final consumer products containing the notified chemical:
  - Overalls, Protective gloves, Protective 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 *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)], workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Public Health

- The following measures should be taken by formulators of cosmetic products to minimise public exposure to the notified chemical:
  - The concentration of the notified chemical in the products for dermal application should not exceed 5%.
  - Formulations of products containing the notified chemical should avoid components that would significantly facilitate absorption.

Disposal

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

Secondary Notification

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

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

(1) Under Section 64(1) of the Act; if
- the importation volume exceeds one tonne per annum notified chemical; or
- if the chemical is to be introduced at concentration >5% in cosmetic products. In the case that secondary notification is required, provision of toxicological data with regard to the dermal absorption and reproductive toxicity may be required.

or

(2) Under Section 64(2) of the Act; if
- the use of the chemical has changed from a component of skin products for topical application, or is likely to change significantly;
- if the chemical has begun to be manufactured in Australia;

- additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.
- if any regulatory action concerning the notified chemical occurs in other jurisdictions.

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

5 PUBLICATION SUMMARY REPORT

Drewrad F330 Resin
Summary Report
Reference No: LTD/1338

Ashland Pacific Pty Ltd (ABN 47 000 075 641) of Sir Thomas Mitchell Road, Chester Hill, NSW 2162 has submitted a limited notification statement in support of their application for an assessment certificate for DREWRAD F330 Resin. The notified polymer is intended to be used as an additive for the formulation of UV-curable inks and coatings. These inks and varnishes will be used to make packaging material and/or magazines. Up to 20 tonnes of the notified polymer will be imported per annum for each of the first five years.

Hazard classification

Based on the available data the notified polymer cannot be classified as hazardous under the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)]. The notifier has classified the notified polymer as R43 (May cause sensitisation by skin contact).

Human health risk assessment

The notified polymer does not pose an unreasonable risk to workers and the public based on available data and under the proposed conditions of use.

Environmental risk assessment

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

Recommendations

Regulatory Controls
Material Safety Data Sheet

- The notifier has classified the notified polymer as R43 (May cause sensitisation by skin contact). An MSDS disclosing the identity of the polymer should be available to workers.

Control Measures
Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to the notified polymer as introduced and as diluted for use:
  - Automated chemical transfer apparatus during formulation and end use
  - Exhaust ventilation during formulation and end use.
  - Avoid contact with skin during equipment cleaning and maintenance

- 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:
  - Procedures designed to minimise spillage during transfer operations
  - Avoid contact with skin

- 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:
  - Gloves, goggles or coverall and footwear that are impervious to the notified polymer

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

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

- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)] workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Disposal

- The notified polymer should be disposed to landfill.

Storage

- Store in closed containers in a dry and well-ventilated area.

- The notified polymer as introduced should be stored consistent with provisions of State and Territory legislation regarding the Storage of C1 Combustible Liquids.

Emergency procedures

- Spills or accidental release of the notified polymer should be adsorbed on to inert materials.

- Shovel material into containers.

- Close containers and disposed of in accordance with regulations.

Transport and Packaging

- The notified polymer as introduced should be transported and packaged consistent with provisions of State and Territory legislation regarding the Storage of C1 Combustible Liquids.

Regulatory Obligations

Secondary Notification

This risk assessment is based on the information available at the time of notification. The Director may call for the reassessment of the chemical under secondary notification provisions based on changes in certain circumstances. Under Section 64 of the *Industrial*

Chemicals (Notification and Assessment) Act (1989) the notifier, as well as any other importer or manufacturer of the notified polymer, have post-assessment regulatory obligations to notify NICNAS when any of these circumstances change. These obligations apply even when the notified polymer is listed on the Australian Inventory of Chemical Substances (AICS).

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

(1) Under Section 64(2) of the Act; if

- the function or use of the polymer has changed from use as an additive for the formulation of UV-curable inks and coatings, or is likely to change significantly;
- the amount of polymer being introduced has increased from 20 tonnes per annum, or is likely to increase, significantly;
- if the polymer has begun to be manufactured in Australia;
- additional information has become available to the person as to an adverse effect of the polymer on occupational health and safety, public health, or the environment.

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

No additional secondary notification conditions are stipulated.

Material Safety Data Sheet

The MSDS of the notified polymer provided by the notifier was reviewed by NICNAS. The accuracy of the information on the MSDS remains the responsibility of the applicant.

6 PUBLICATION SUMMARY REPORT

Polymer in UCAR Solution Vinyl Resin
Summary Report
Reference No: PLC/742

Dow Chemical (Australia) Ltd (ABN 72 000 264 979) of 541-583 Kororoit Creek Road Altona VIC 3018 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in UCAR Solution Vinyl Resin. The notified polymer is intended to be used as coatings for metal, wood, paper, concrete, masonry, films, foils, fabrics, and leather, including industrial maintenance and marine finishes, general metal finishes, and as a binder in magnetic tape. 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

Occupational Health and Safety

Under the conditions of the occupational settings described, the risk to workers is considered to be acceptable. When used in the proposed manner the risk to the public is considered to be acceptable.

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.

- Spray application should be carried out in accordance with the *National Guidance Material for Spray Painting*.

- In the interest of occupational health and safety, the following guidelines and precautions should be observed for use of the notified polymer as introduced in powder form
  - The level of atmospheric nuisance dust should be maintained as low as possible. The ASCC exposure standard for atmospheric dust is 10 mg/m^3.

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

- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous*

Substances [NOHSC:1008(2004)], workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Disposal

- The notified polymer should be disposed of by landfill.

Storage

- The following precautions should be taken:
  - Store in a dry place
  - Store away from direct sunlight.

Emergency procedures

- Spills and/or accidental release of the notified polymer should be handled by preventing it from entering into soil, ditches, sewers, waterways and groundwater.

Secondary Notification

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

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

(1) Under Section 64(1) of the Act; if
  - the notified polymer is introduced in a chemical form that does not meet the PLC criteria.

or

(2) Under Section 64(2) of the Act; if
  - the function or use of the polymer has changed from use as coatings for metal, wood, paper, concrete, masonry, films, foils, fabrics, and leather, including industrial maintenance and marine finishes, general metal finishes, and as a binder in magnetic tape, or is likely to change significantly;
  - the amount of polymer being introduced has increased from 30 tonne per annum, or is likely to increase, significantly;
  - if the polymer has begun to be manufactured in Australia;
  - additional information has become available to the person as to an adverse effect of the polymer on occupational health and safety, public health, or the environment.

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

Material Safety Data Sheet

The MSDS of the notified polymer provided by the notifier was reviewed by NICNAS. The accuracy of the information on the MSDS remains the responsibility of the applicant.

7 PUBLICATION SUMMARY REPORT

VALOX IQ, XENOY IQ
Summary Report
Reference No: PLC/747

Sabic Innovative Plastics Australia Pty Ltd (ABN 92 005 837 454) of 175 Hammond Rd. Dandenong VIC 3175 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for VALOX IQ, XENOY IQ. The notified polymer is intended to be used for production of moulded or extruded articles/parts for automotive, heating, ventilation, and electrical appliances and for food contact products. Up to 3000 tonnes of the notified polymer will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Occupational Health and Safety

Under the conditions of the occupational settings described and when used in the proposed manner, the notified polymer is not expected to pose an unreasonable risk to workers and the public based on this assessment.

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

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

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

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

- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)], workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Environment

- The notified polymer should be disposed of to landfill.

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

Secondary Notification

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

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

(1) Under Section 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 introduced in powder form.

or

(2) Under Section 64(2) of the Act; if
- the function or use of the chemical has changed from production of moulded or extruded articles/parts for automotive, heating, ventilation, and electrical appliances and for food contact products, or is likely to change significantly;
- the amount of chemical being introduced has increased from 3000 tonnes per year, or is likely to increase significantly;
- if the chemical has begun to be manufactured in Australia;
- additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

Material Safety Data Sheet

The MSDS of the notified polymer provided by the notifier was reviewed by NICNAS. The accuracy of the information on the MSDS remains the responsibility of the applicant.

8 PUBLICATION SUMMARY REPORT

Starvis 3003 F
Summary Report
Reference No: PLC/748

International Sales and Marketing Pty Ltd (ABN 36 467 259 314) of 262 Highett Road, Highett, VIC 3190 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Starvis 3003 F. The notified polymer is intended to be used as a polymer additive for dry mortar. 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

Health Assessment

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

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

Environmental Effects

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

Recommendations

Control Measures
Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to the notified polymer at the reformulation sites during transfer of the notified polymer as introduced.
  - Local exhaust ventilation
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer at the reformulation sites during transfer of the notified polymer as introduced.
  - Dust mask or respirators capable of removing all product particles
- Guidance in selection of personal protective equipment can be obtained from Australian, Australian/New Zealand or other approved standards.
- At the reformulation sites, atmospheric monitoring should be conducted to measure workplace concentrations of airborne particulates during handling of the notified polymer. Airborne concentrations of the notified polymer should not exceed the exposure standard of 10 mg/m^3 TWA for airborne particulates not otherwise classified [NOHSC:1003(1995)].
- A copy of the MSDS should be easily accessible to employees.

- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)], workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Disposal

- The notified polymer should be disposed to landfill.

Storage

- Keep in a dry place.

Emergency procedures

- Spills and/or accidental release of the notified polymer should be handled by sweeping and shovelling and flush with plenty of water.

Regulatory Obligations

Secondary Notification

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

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

(1) Under Section 64(1) of the Act; if
  – the notified polymer is introduced in a chemical form that does not meet the PLC criteria.

or

(2) Under Section 64(2) of the Act; if
  – the function or use of the chemical has changed from a polymer additive for dry mortar at concentrations of < 0.5% w/w, or is likely to change significantly;
  – the amount of chemical being introduced has increased from five tonnes, or is likely to increase, significantly;
  – if the chemical has begun to be manufactured in Australia;
  – additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

No additional secondary notification conditions are stipulated.

Material Safety Data Sheet

The MSDS of the notified chemical provided by the notifier was reviewed by NICNAS. The accuracy of the information on the MSDS remains the responsibility of the applicant.

9 PUBLICATION SUMMARY REPORT

NEJI-8 Polymer in Epson Ink Cartridge
Summary Report
Reference No: PLC/749

EPSON Australia Pty. Ltd. (ABN 91 002 625 783) of 3 Talavera Road, North Ryde, NSW 2113 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for NEJI-8 polymer in Epson Ink Cartridge. The notified polymer is intended to be used as Component of ink for use in inkjet printer. Up to 1 tonne of the notified polymer will be imported per annum for each of the first five years.

Health Assessment

Under the conditions of the occupational settings described, the risk to workers is considered to be acceptable.

When used in the proposed manner the risk to the public is considered to be acceptable.

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

- Specific engineering controls, work practices or personal protective equipment should be selected on the basis of all ingredients in the formulation.

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

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

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

- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)], workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Disposal

- The notified polymer should be disposed of to landfill.

Emergency procedures

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

Regulatory Obligations

Secondary Notification

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

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

(1) Under Section 64(1) of the Act; if
  – the notified polymer is introduced in a chemical form that does not meet the PLC criteria.

or

(2) Under Section 64(2) of the Act; if
  – the function or use of the polymer has changed from component of printer ink for use in inkjet printer, or is likely to change significantly;
  – the amount of polymer being introduced has increased from 1 tonne per annum, or is likely to increase, significantly;
  – if the polymer has begun to be manufactured in Australia;
  – additional information has become available to the person as to an adverse effect of the polymer on occupational health and safety, public health, or the environment.

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

Material Safety Data Sheet

The MSDS of the products containing the notified polymer provided by the notifier was reviewed by NICNAS. The accuracy of the information on the MSDS remains the responsibility of the applicant.

10 PUBLICATION SUMMARY REPORT

NEJI-9 Polymer in Epson Ink Cartridge
Summary Report
Reference No: PLC/750

EPSON Australia Pty. Ltd. (ABN 91 002 625 783) of 3 Talavera Road, North Ryde, NSW 2113 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for NEJI-9 polymer in Epson Ink Cartridge. The notified polymer is intended to be used as Component of ink for use in inkjet printer. Up to 1 tonne of the notified polymer will be imported per annum for each of the first five years.

Health Assessment

Under the conditions of the occupational settings described, the risk to workers is considered to be acceptable. When used in the proposed manner the risk to the public is considered to be acceptable.

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

- Specific engineering controls, work practices or personal protective equipment should be selected on the basis of all ingredients in the formulation.

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

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

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

- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)], workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Disposal

- The notified polymer should be disposed of to landfill.

Emergency procedures

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

Regulatory Obligations

Secondary Notification

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

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

(1) Under Section 64(1) of the Act; if
  – the notified polymer is introduced in a chemical form that does not meet the PLC criteria.

or

(2) Under Section 64(2) of the Act; if
  – the function or use of the polymer has changed from component of printer ink for use in inkjet printer, or is likely to change significantly;
  – the amount of polymer being introduced has increased from 1 tonne per annum, or is likely to increase, significantly;
  – if the polymer has begun to be manufactured in Australia;
  – additional information has become available to the person as to an adverse effect of the polymer on occupational health and safety, public health, or the environment.

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

Material Safety Data Sheet

The MSDS of the products containing the notified polymer provided by the notifier was reviewed by NICNAS. The accuracy of the information on the MSDS remains the responsibility of the applicant.

11 PUBLICATION SUMMARY REPORT

NEJI-10 Polymer in Epson Ink Cartridge
Summary Report
Reference No: PLC/751

EPSON Australia Pty. Ltd. (ABN 91 002 625 783) of 3 Talavera Road, North Ryde, NSW 2113 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for NEJI-10 polymer in Epson Ink Cartridge. The notified polymer is intended to be used as Component of ink for use in inkjet printer. Up to 1 tonne of the notified polymer will be imported per annum for each of the first five years.

Health Assessment

Under the conditions of the occupational settings described, the risk to workers is considered to be acceptable. When used in the proposed manner the risk to the public is considered to be acceptable.

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

- Specific engineering controls, work practices or personal protective equipment should be selected on the basis of all ingredients in the formulation.

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

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

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

- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)], workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Disposal

- The notified polymer should be disposed of to landfill.

Emergency procedures

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

Regulatory Obligations

Secondary Notification

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

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

(1) Under Section 64(1) of the Act; if
  – the notified polymer is introduced in a chemical form that does not meet the PLC criteria.

or

(2) Under Section 64(2) of the Act; if
  – the function or use of the polymer has changed from component of printer ink for use in inkjet printer, or is likely to change significantly;
  – the amount of polymer being introduced has increased from 1 tonne per annum, or is likely to increase, significantly;
  – if the polymer has begun to be manufactured in Australia;
  – additional information has become available to the person as to an adverse effect of the polymer on occupational health and safety, public health, or the environment.

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

Material Safety Data Sheet

The MSDS of the products containing the notified polymer provided by the notifier was reviewed by NICNAS. The accuracy of the information on the MSDS remains the responsibility of the applicant.

12 PUBLICATION SUMMARY REPORT

Polymer in Uralac AN637
Summary Report
Reference No: PLC/753

PPG Industries Australia Pty Ltd (ABN 055 500 939) of McNaughton Road, Clayton VIC 3168 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in Uralac AN637. The notified polymer is intended to be used as a component of can coating formulation. Up to 0.3 tonnes of the notified polymer will be imported per annum for each of the first five years.

Health Assessment

Under the conditions of the occupational settings described, the risk to workers is considered to be acceptable. When used in the proposed manner the risk to the public is considered to be acceptable.

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

- 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 Australia/New Zealand or other approved standards.

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

- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)], workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Disposal

- The notified polymer should be disposed of to landfill.

Storage

- The following precautions should be taken by workers regarding storage of the notified polymer:
  - Store in a segregated and approved area.

- Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (oxidising substances, strong acids, strong bases).

Emergency procedures

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

Regulatory Obligations

Secondary Notification

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

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

(1) Under Section 64(2) of the Act; if
- the function or use of the chemical has changed from component of a can coating formulation, or is likely to change significantly;
- the amount of chemical being introduced has increased from up to 300 kg, or is likely to increase, significantly;
- if the chemical has begun to be manufactured in Australia;
- additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

Material Safety Data Sheet

The MSDS of the products containing the notified chemical provided by the notifier were reviewed by NICNAS. The accuracy of the information on the MSDS remains the responsibility of the applicant.

13 PUBLICATION SUMMARY REPORT

NEJI-4 Polymer in Epson Ink Cartridge
Summary Report
Reference No: PLC/755

Epson Australia Pty Ltd (ABN 91 002 625 783) of 3 Talavera Road, North Ryde, NSW 2113 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for NEJI-4 Polymer in Epson Ink Cartridges. The notified polymer is intended to be used as a component of printer ink for use in inkjet printer cartridges. Up to one tonne of the notified polymer will be imported per annum for each of the first five years.

Health Assessment

Under the conditions of the occupational settings described, the notified polymer is not considered to pose an unacceptable risk to the health of workers. When used in the proposed manner, the notified polymer is not considered to pose an unacceptable risk to public health.

Environmental 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

- 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 *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)], workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Disposal

- The notified polymer should be disposed of to landfill.

Emergency procedures

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

Regulatory Obligations

Secondary Notification

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

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

(1) Under Section 64(1) of the Act; if
  – the notified polymer is introduced in a chemical form that does not meet the PLC criteria.

or

(2) Under Section 64(2) of the Act; if
  – the function or use of the chemical has changed from a component of printer ink for use in inkjet printer cartridges, or is likely to change significantly;
  – the amount of chemical being introduced has increased from 1 tonne, or is likely to increase, significantly;
  – if the chemical has begun to be manufactured in Australia;
  – additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

No additional secondary notification conditions are stipulated.

Material Safety Data Sheet

The MSDS of products containing the notified polymer provided by the notifier were reviewed by NICNAS. The accuracy of the information on the MSDS remains the responsibility of the applicant.

14 PUBLICATION SUMMARY REPORT

NEJI-5 Polymer in Epson Ink Cartridge
Summary Report
Reference No: PLC/756

Epson Australia Pty Ltd (ABN 91 002 625 783) of 3 Talavera Road, North Ryde, NSW 2113 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for NEJI-5 Polymer in Epson Ink Cartridges. The notified polymer is intended to be used as a component of printer ink for use in inkjet printer cartridges. Up to one tonne of the notified polymer will be imported per annum for each of the first five years.

Health Assessment

Under the conditions of the occupational settings described, the notified polymer is not considered to pose an unacceptable risk to the health of workers. When used in the proposed manner, the notified polymer is not considered to pose an unacceptable risk to public health.

Environmental 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

- 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 *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)], workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Disposal

- The notified polymer should be disposed of to landfill.

Emergency procedures

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

Regulatory Obligations

Secondary Notification

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

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

(1) Under Section 64(1) of the Act; if
  – the notified polymer is introduced in a chemical form that does not meet the PLC criteria.

or

(2) Under Section 64(2) of the Act; if
  – the function or use of the chemical has changed from a component of printer ink for use in inkjet printer cartridges, or is likely to change significantly;
  – the amount of chemical being introduced has increased from 1 tonne, or is likely to increase, significantly;
  – if the chemical has begun to be manufactured in Australia;
  – additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

No additional secondary notification conditions are stipulated.

Material Safety Data Sheet

The MSDS of products containing the notified polymer provided by the notifier were reviewed by NICNAS. The accuracy of the information on the MSDS remains the responsibility of the applicant.

15 PUBLICATION SUMMARY REPORT

Polymer in Macromelt 6208 N
Summary Report
Reference No: SAPLC/71

Henkel Australia Pty Ltd (ABN 82 001 302 996) of 135-141 Canterbury Rd, Kilsyth VIC 3137 has submitted a polymer of low concern (PLC) notification statement in support of their application for a self-assessed assessment certificate for Polymer in Macromelt 6208 N. The notified polymer is intended to be used to encapsulate, by injection moulding, electronic components of automotive electronics. Up to 10 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.

It is noted Macromelt 6208N contains impurities (<3%) classified as R43.

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, noting that the formulation may be classified as R43 because of hazardous impurities.

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

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

- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)], workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Disposal

- The notified polymer should be disposed of to landfill by licensed waste contractor in accordance with local jurisdiction waste management regulations.

Emergency procedures

- Accidental spills/release of the notified polymer should be swept up and reused or placed in a container for disposal. Avoid contaminating waterways.

REGULATORY OBLIGATIONS

Secondary Notification

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

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

(1) Under Section 64(1) of the Act; if
- the notified polymer is introduced in a chemical form that does not meet the PLC criteria.

or

(2) Under Section 64(2) of the Act; if
- the function or use of the chemical has changed from used to encapsulate, by injection moulding, electronic components of automotive electronics, or is likely to change significantly;
- the amount of chemical being introduced has increased from 10 tonne per annum, or is likely to increase, significantly;
- the method of manufacture of the chemical in Australia has changed, or is likely to change, in a way that may result in an increased risk of an adverse effect of the chemical on occupational health and safety, public health, or the environment;
- additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

16 PUBLICATION SUMMARY REPORT

Polymer in Bayhydrol 124
Summary Report
Reference No: SAPLC/80

Bayer Material Science (ABN: 22 000 138 714) of 391 Tooronga Road Hawthorn East, VIC 3123 has submitted a polymer of low concern (PLC) notification statement in support of their application for a self-assessed assessment certificate for Polymer in Bayhydrol 124. The notified polymer is intended to be used as an additive in coatings for rigid or flexible substrates such as leather, vinyl coated fabric, textiles, plastics and metals. Up to 10 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

Under the conditions of the occupational settings described, the risk to workers is not considered to be unacceptable.

Public Health

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

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 waste should be disposed of to landfill. Empty drums should be sent to waste disposal facilities.

Emergency procedures

- Spilt notified polymer should be collected and placed in suitable containers for disposal.

REGULATORY OBLIGATIONS

Secondary Notification

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

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

(1) Under Section 64(1) of the Act; if
- the notified polymer is introduced in a chemical form that does not meet the PLC criteria.

or

(2) Under Section 64(2) of the Act; if
- the function or use of the chemical has changed from an additive in coatings for rigid or flexible substrates, or is likely to change significantly;
- the amount of chemical being introduced has increased from 10 tonnes per annum, or is likely to increase, significantly;
- if the chemical has begun to be manufactured in Australia;
- additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

17 PUBLICATION SUMMARY REPORT

Polymer in Beckolite M-6019-75
Summary Report
Reference No: SAPLC/81

DIC Australia Pty Ltd (ABN 12 000 079 550) of 323 Chisholm Rd, Auburn NSW 2144 has submitted a polymer of low concern (PLC) notification statement in support of their application for a self-assessed assessment certificate for Polymer in Beckolite M-6019-75. The notified polymer is intended to be used as a component of OEM automotive chassis primers. 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

Occupational Health and Safety

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

Public Health

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

Environmental Effects

Based on the reported use pattern, the notified polymer is not considered to pose a risk to the environment.

Material Safety Data Sheet

The notifier has provided an MSDS as part of the notification statement. The accuracy of the information on the MSDS remains the responsibility of the applicant.

RECOMMENDATIONS

Control Measures
Occupational Health and Safety

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

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

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

- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous*

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

- Spray painting applications should be in accordance with the *National Guidance Material for Spray Painting* [NOHSC (1999)].

Environment

- The following control measures should be implemented by the notifier to minimise environmental exposure during formulation of the notified polymer:
  - Bunding

- The following control measures should be implemented by end users (spray painters) to minimise environmental exposure during use of the notified polymer:
  - Exhaust ventilation with filter

Disposal

- The notified polymer should be solidified and disposed of to landfill; or incinerated, if permitted under state and local regulations.

- Empty containers should be sent to local recycling or waste disposal facilities.

Storage

- The imported product, Beckolite M-6019-75, is a Dangerous Good and classified as Class 3, flammable. The product should be stored in accordance with Dangerous Goods storage requirements.

Emergency procedures

- The imported product, Beckolite M-6019-75, is a Dangerous Good and classified as Class 3, flammable. In case of a spill all sources of ignition should be eliminated. Due care should be taken to avoid ignition and possible explosion.

- Spills/release of the notified polymer should be handled by absorbing with sand or other inert absorbent material and put into suitable container for disposal. Contaminated containers can be re-used after cleaning.

Transport and Packaging

- The imported product, Beckolite M-6019-75, is a Dangerous Good and classified as Class 3, flammable. The product should be packaged and transported in accordance with Dangerous Goods transport requirements.

Secondary Notification

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

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

(1) Under Section 64(1) of the Act; if
- the notified polymer is introduced in a chemical form that does not meet the PLC criteria.

or

(2) Under Section 64(2) of the Act; if
- the function or use of the polymer has changed from a component of a spray applied automotive refinish coating or is likely to change significantly;
- the amount of polymer being introduced has increased from 30 tonnes per annum, or is likely to increase, significantly;
- if the polymer has begun to be manufactured in Australia;
- additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

18 PUBLICATION SUMMARY REPORT

Erythrulose
Summary Report
Reference No: SN/19

Bronson and Jacobs Pty Ltd (ABN 81 000 063 249) of 5 Parkview Drive, Homebush Bay NSW 2140, Unilever Australia LTD (ABN 66 004 050 828) of 219 North Rocks Road, North Rocks NSW 2151 and Procter & Gamble Australia Pty Ltd (ABN 91 008 396 245) of Level 3 & 4, 1 Innovation Road, Macquarie Park NSW 2113 have submitted a secondary notification statement in support of their application for an assessment certificate for Erythrulose. The notified chemical is intended to be used as a skin colouring ingredient in cosmetic skin products at < 5.0%. Up to 3.15 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 Classification

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

Health Assessment

Under the conditions of the occupational settings described, the risk to workers is considered to be acceptable.

When used in the proposed manner the risk to the public is considered to be acceptable.

Environmental Assessment

On the basis of the PEC/PNEC ratio:

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

Recommendations

Control Measures
Occupational Health and Safety

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical as introduced:
  - Minimise drips and spills
  - Avoid contact with the skin and eyes.

- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical as introduced:
  - Safety glasses, gloves and coveralls

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

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

- If products and mixtures containing the notified chemical are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC: 1008 (2004)], workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Environment

- The following control measures should be implemented by cosmetic manufacturer to minimise environmental exposure during formulation of the notified chemical:
  - Process equipment should be within bunded areas with only process drains in the vicinity.

Disposal

- The notified chemical should be disposed of to landfill.

Emergency procedures

- Spills/release of the notified chemical should be contained and either pumped into sealable containers or absorbent material used, which should then be placed in sealable labelled containers ready for disposal to landfill.

Regulatory Obligations

Secondary Notification

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

Therefore, the Director of NICNAS must be notified in writing within 28 days by the notifier, other importer or manufacturer:
This risk assessment is based on the information available at the time of notification. The Director may call for the reassessment of the chemical under secondary notification provisions based on changes in certain circumstances. Under Section 64 of the *Industrial Chemicals (Notification and Assessment) Act (1989)* the notifier, as well as any other importer or manufacturer of the notified chemical, have post-assessment regulatory obligations to notify NICNAS when any of these circumstances change. These obligations

apply even when the notified chemical is listed on the Australian Inventory of Chemical Substances (AICS).

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

(1) Under Section 64(2) of the Act; if
- the function or use of the chemical has changed from a skin colouring ingredient or is likely to change significantly;
- the amount of chemical being introduced has increased from 3.15 tonnes, or is likely to increase, significantly;
- the amount of chemical in finished cosmetic products exceeds 5.0%;
- if the chemical has begun to be manufactured in Australia;
- additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

No additional secondary notification conditions are stipulated.

Material Safety Data Sheet

The MSDS of the notified chemical (and products containing the notified chemical) provided by the notifier were reviewed by NICNAS. The accuracy of the information on the MSDS remains the responsibility of the applicant.

19 ACCESS TO FULL PUBLIC REPORT

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

Reports can also be viewed and downloaded free of charge from our website at http://www.nicnas.gov.au/. Copies of these reports may also be requested, free of charge, by contacting the Administration Section of NICNAS by phone: (02) 8577 8870 or fax: (02) 8577 8888.

20 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
801	La Biosthetique Australia Pty Ltd	2018	Ethanol, 2-(2, 4-diaminophenoxy)-, sulfate (1:1) (salt)	Yes	oxidative hair dye	21/1/08

21 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
718	Oronite Australia Pty Ltd	3000	OLOA 910B	Yes	1500 kg	Additive in engine oil, lubricants and grease	1 yr

22 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
538	Toyo Ink Australia Pty Ltd	Additive-M	Additive in inks for industrial applications

23 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
1,4-benzenedicarboxylic acid, polymer with 1,4-butanediol and hexanedioic acid	$(C_8H_6O_4.C_6H_{10}O_4.C_4H_{10}O_2)_x$	60961-73-1
Amines, tallow alkyl, ethoxylated, 2-ethylhexanonates	Unspecified	72245-02-4

24 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
2-Propenamide, 2-methyl-, polymer with 1-ethenyl-1H-imidazole and 1-ethenyl-2-pyrrolidinone	$(C_6H_9NO.C_5H_6N_2.C_4H_7NO)_x$	38139-93-4
1-Tetradecene, polymer with 1-dodecene, distn. residues, hydrogenated, C24-84 fraction	Unspecified	883233-93-0
1-Tetradecene, polymer with 1-dodecene, distn. residues, hydrogenated, C36-84 fraction	Unspecified	883233-91-8
1-Tetradecene, polymer with 1-dodecene, hydrogenated, distn. residues, C24-42 fraction	Unspecified	883233-94-1
1,4-Benzenedicarboxylic acid, polymer with (2E)-2-butenedioic acid, 1,3-dihydro-1,3-dioxo-5-isobenzofurancarboxylic acid, dihydro-3-(tetrapropenyl)-2,5-furandione, alpha,alpha'-[(1-methylethylidene)di-4,1-phenylene]bis[omega-hydroxypoly(oxy-1,2-ethanediyl)] and alpha,alpha'-[(1-methylethylidene)di-4,1-phenylene]bis[omega-hydroxypoly[oxy(methyl-1,2-ethanediyl)]]	$C_{16}H_{26}O_3.C_9H_4O_5.C_8H_6O_4.C_4H_4O_4.[(C_3H_6O)_n(C_3H_6O)_nC_{15}H_{16}O_2].[(C_2H_4O)_n(C_2H_4O)_nC_{15}H_{16}O_2]$	863288-87-3
2-Propenoic acid, monoester with 1,2-propanediol, polymer with chloroethene and ethenyl acetate	$(C_6H_{10}O_3.C_4H_6O_2.C_2H_3Cl)_x$	39317-41-4
Hexanedioic acid polymer with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol,4,5,6,7,8,8-hexachloro-3a,4,7,7a-tetrahydro-4,7-methanoisobenzofuran-1,3-dione, 1,3-isobenzofurandione, 7-oxabicyclo[4.1.0]hept-3-ylmethyl 7-oxabicyclo[4.1.0]heptane-3-carboxylate, oxiranylmethyl tert-decanoate, 2,2'-oxybis[ethanol] and 1,2-propanediol	$(C_{14}H_{20}O_4.C_{13}H_{24}O_3.C_9H_2Cl_6O_3.C_8H_4O_3.C_6H_{14}O_3.C_6H_{10}O_4.C_4H_{10}O_3.C_3H_8O_2)_x$	141020-51-1