

**12 PUBLICATION SUMMARY REPORT**

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**Z-51  
Summary Report  
Reference No: EX/67**

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Lubrizol International, Inc. (ARBN 002 747 944) of 28 River Street Silverwater NSW 2128 has submitted a standard notification statement in support of their application for an assessment certificate for Z-51. The notified chemical is intended to be used as a component of automotive lubricants. The notified chemical will be imported as a component of concentrate or additive package containing 1 to 10% w/w notified chemical. The imported product will then be distributed to customers who will formulate the final lubricant. The final lubricant will contain 0.1 to 1.0% w/w notified chemical. Between 10 and <30 tonnes of the notified chemical will be imported per annum for each of the first five years.

Since the assessment certificate has been granted for the above notified chemical, Conoco Phillips Lubricants Australia Pty Ltd (ABN 62 072 486 198) of Level 2, Suite 10 "Ocean Central", 2 Ocean St Maroochydore Qld 4558 has submitted a supplementary information statement in support of their application for extension of the original assessment certificate (No. 1854, STD/1103), together with a written agreement of the holder of the original certificate, Lubrizol International Inc. Conoco Phillips Lubricants Australia Pty Ltd will be importing less than one tonne of the notified polymer per annum in finished lubricant.

**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:

R36/38 – Irritating to eyes and skin

and

As a comparison only, the classification of notified chemical using the Globally Harmonised System for the Classification and Labelling of Chemicals (GHS) is presented below. This system is not mandated in Australia and carries no legal status but is presented for information purposes.

**Skin Irritant Category 3**

Symbol: None

Signal word: Warning

Hazard statement: Causes mild skin irritation

**Eye Irritant Category 2A**

Symbol: Exclamation mark

Signal word: Warning

Hazard Statement: Causes serious eye irritation

## Occupational Health and Safety

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

## Public Health

There is No Significant Concern to public health when used as a component of lubricant product.

## Environmental Effects

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

## RECOMMENDATIONS

### *Regulatory Controls*

#### Hazard Classification and Labelling

- The NOHSC Chemicals Standards Sub-committee should consider the following health hazard classification for the notified chemical:
  - R36/38 – Irritating to eyes and skin
- Use the following risk phrases for products/mixtures containing the notified chemical:
  - $\geq 20\%$ : R36/38 - Irritating to eyes and skin
- Products containing more than 5% notified chemical and available to the public must carry the following safety directions on the label:
  - S24/25: Avoid contact with skin and eyes.
  - S37/38/39: Wear suitable protective clothing, gloves, and eye/face protection.

### *Control Measures*

#### Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to the notified chemical as introduced:
  - Enclosed and automated transfer, mixing and packaging operations
  - Exhaust ventilation during manufacture of engine oil products
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical as introduced:
  - Avoid splashing during transfer operations and when cleaning equipment
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical as introduced:
  - Chemical resistant gloves
  - Protective clothing
  - Safety goggles

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

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

Environment

Disposal

- The notified chemical should be disposed of in a manner consistent with local jurisdiction waste management regulations by incineration or recycling. Emptied containers should be recycled or sent to landfill for disposal.

Emergency procedures

- Spills/release of engine oils containing the notified chemical not be released to waterways or sewer. Spills/leaks should be contained by applying absorbent materials to the spill or pumping to spilled material into labelled containers. Where feasible and appropriate, remove contaminated soil. Place contaminated materials in disposable containers and dispose of in a manner consistent with local jurisdiction waste management regulations.

### **Secondary Notification**

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

Under Section 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

No additional secondary notification conditions are stipulated.

**13 PUBLICATION SUMMARY REPORT**

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**NT-26  
Summary Report  
Reference No: PLC/508**

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Canon Australia Pty. Ltd. (ABN 66005002951) of 1 Thomas Holt Drive North Ryde, NSW 2113 has submitted a synthetic polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for NT-26. The notified polymer is intended to be used as an ingredient in photocopying toner. Less than 1 tonne of the notified polymer will be imported per annum for each of the first five years.

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

The notified polymer was negative in a bacterial mutagenicity test. No other toxicity data have been provided. The notified polymer meets the PLC criteria and can therefore be considered to be of low hazard. The powder may cause mechanical irritation to the eyes, and to the respiratory tract if inhaled.

**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 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.

- 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.

#### Disposal

- The notified polymer should be disposed of to landfill or by incineration.
- The toner or toner container or cartridge should not be put into fire as heated toner may cause severe burns. The toner container holding remaining toner or toner cartridge should not be shredded unless dust-explosion preventing measures are taken as finely dispersed particles form explosive mixtures in air. Disposal should be subject to Federal, State and Local laws.

#### Emergency procedures

- No toner spillage occurs in normal operations of handling. If it should occur, avoid inhalation of the dust. Sweep material onto paper and carefully transfer to a sealable waste container. Clean remainder with wet paper, wet cloth or a vacuum cleaner. If a vacuum cleaner is used, it must rate as a dust explosion-proof type. Fine powder can form explosive dust-air mixtures.

#### **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.

No additional secondary notification conditions are stipulated.

**14 PUBLICATION SUMMARY REPORT**

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**NT-31  
Summary Report  
Reference No: PLC/509**

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Canon Australia Pty. Ltd. (ABN 66005002951) of 1 Thomas Holt Drive North Ryde, NSW 2113 has submitted a synthetic polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for NT-31. The notified polymer is intended to be used as an ingredient in photocopying toner. One to ten tonnes of the notified polymer will be imported in the first year and ten to one hundred tonnes of the notified polymer will be imported per annum for the remaining four years.

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

The notified polymer was of low oral toxicity in an acute rat study.

*Irritation and Sensitisation.*

The notified polymer was found to be very slightly irritating to skin and eyes in rabbits. The notified polymer was negative in a skin sensitisation test in guinea pigs.

The powder may cause mechanical irritation to the eyes, and to the respiratory tract if inhaled.

*Mutagenicity*

The notified polymer was negative in an Ames test.

In addition, 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 Low 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.

- 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.

#### Disposal

- The notified polymer should be disposed of to landfill or by incineration.
- DO NOT put toner or toner container or cartridge into fire; heated toner may cause severe burns. DO NOT shred a toner container holding remaining toner or toner cartridge, unless dust-explosion preventing measures are taken. Finely dispersed particles form explosive mixtures in air. Disposal should be subject to federal, state or local laws.

#### Emergency procedures

- No toner spillage occurs in normal operations of handling. If it should occur, avoid inhalation of the dust. Sweep material onto paper and carefully transfer to a sealable waste container. Clean remainder with wet paper, wet cloth or a vacuum cleaner. If a vacuum cleaner is used, it must rate as a dust explosion-proof type. Fine powder can form explosive dust-air mixtures.

#### 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.

No additional secondary notification conditions are stipulated.

**15 PUBLICATION SUMMARY REPORT**

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**AI-277-26  
Summary Report  
Reference No: PLC/512**

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Carter Holt Harvey (ABN: 77 000 601 892) of Como Office Tower, 644 Chapel Street, South Yarra VIC 3141 has submitted a synthetic polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for AI-277-26. The notified polymer is intended to be used as a component of printing inks. Up to 100 tonnes of the notified polymer will be imported per annum for each of the first five years.

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

The notified polymer contains combined rosin that is not likely to cause sensitisation. However, up to 11% residual rosin monomers are present. Thus, the product described in the MSDS is classified as R43, and may cause sensitisation by skin contact.

However, analogous polymers have been shown not to be sensitisers. Also 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**

- Employers should implement the following safe work practices to minimise occupational exposure during use of the notified chemical:
  - Prevent splashes and spills.
- Service personnel should wear long impervious PVC gloves and overalls and ensure adequate ventilation is present during routine maintenance and repairs.

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

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

Hazardous Substances, and 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 polymer in the manufacture of printed documents:
  - Do not allow material or contaminated packaging to enter drains, sewers or water courses.

#### Disposal

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

#### Emergency procedures

- As 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.

#### *Secondary Notification*

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

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act;

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

The Director will then decide whether secondary notification is required.

**16 PUBLICATION SUMMARY REPORT**

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**AI-270-140  
Summary Report  
Reference No: PLC/513**

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Carter Holt Harvey (ABN: 77 000 601 892) of Como Office Tower, 644 Chapel Street, South Yarra VIC 3141 has submitted a synthetic polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for AI-270-140. The notified polymer is intended to be used as a component of printing inks. Up to 100 tonnes of the notified polymer will be imported per annum for each of the first five years.

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

The notified polymer contains combined rosin that is not likely to cause sensitisation. However, up to 11% residual rosin monomers are present. Thus, the product described in the MSDS is classified as R43, and may cause sensitisation by skin contact.

However, analogous polymers have been shown not to be sensitisers. Also 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**

- Employers should implement the following safe work practices to minimise occupational exposure during use of the notified chemical:
  - Prevent splashes and spills.
- Service personnel should wear long impervious PVC gloves and overalls and ensure adequate ventilation is present during routine maintenance and repairs.

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

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

Hazardous Substances, and 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 polymer in the manufacture of printed documents:
  - Do not allow material or contaminated packaging to enter drains, sewers or water courses.

#### Disposal

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

#### Emergency procedures

- As 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.

#### *Secondary Notification*

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

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

**17 PUBLICATION SUMMARY REPORT**

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**AI-261-134  
Summary Report  
Reference No: PLC/514**

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Carter Holt Harvey (ABN: 77 000 601 892) of Como Office Tower, 644 Chapel Street, South Yarra VIC 3141 has submitted a synthetic polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for AI-261-134. The notified polymer is intended to be used as a component of printing inks. Up to 100 tonnes of the notified polymer will be imported per annum for each of the first five years.

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

The notified polymer contains combined rosin that is not likely to cause sensitisation. However, up to 11% residual rosin monomers are present. Thus, the product described in the MSDS is classified as R43, and may cause sensitisation by skin contact.

However, analogous polymers have been shown not to be sensitisers. Also 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**

- Employers should implement the following safe work practices to minimise occupational exposure during use of the notified chemical:
  - Prevent splashes and spills.
- Service personnel should wear long impervious PVC gloves and overalls and ensure adequate ventilation is present during routine maintenance and repairs.

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

- A copy of the MSDS should be easily accessible to employees.
- Products and mixtures containing the notified polymer may be classified as hazardous to health in accordance with the NOHSC Approved Criteria for Classifying Hazardous Substances, and 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 polymer in the manufacture of printed documents:
  - Do not allow material or contaminated packaging to enter drains, sewers or water courses.

#### Disposal

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

#### Emergency procedures

- As 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.

### **Secondary Notification**

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

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

**18 PUBLICATION SUMMARY REPORT**

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**AI-270-116  
Summary Report  
Reference No: PLC/515**

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Carter Holt Harvey (ABN: 77 000 601 892) of Como Office Tower, 644 Chapel Street, SOUTH YARRA VICTORIA 3141 has submitted a synthetic polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for AI-270-116. The notified polymer is intended to be used as a component of printing inks. Up to 100 tonnes of the notified polymer will be imported per annum for each of the first five years.

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

The notified polymer contains combined rosin that is not likely to cause sensitisation. However, up to 15% residual rosin monomers are present. Thus, the product described in the MSDS is classified as R43, and may cause sensitisation by skin contact.

However, analogous polymers have been shown not to be sensitisers. Also 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**

- Employers should implement the following safe work practices to minimise occupational exposure during use of the notified chemical:
  - Prevent splashes and spills.
- Service personnel should wear long impervious PVC gloves and overalls and ensure adequate ventilation is present during routine maintenance and repairs.

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

- A copy of the MSDS should be easily accessible to employees.
- Products and mixtures containing the notified polymer may be classified as hazardous to health in accordance with the NOHSC Approved Criteria for Classifying Hazardous Substances, and 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 polymer in the manufacture of printed documents:
  - Do not allow material or contaminated packaging to enter drains, sewers or water courses.

#### Disposal

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

#### Emergency procedures

- As 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.

### **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.

**19 PUBLICATION SUMMARY REPORT**

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**SI-310-43  
Summary Report  
Reference No: PLC/516**

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Carter Holt Harvey (ABN: 77 000 601 892) of Como Office Tower, 644 Chapel Street, South Yarra VIC 3141 has submitted a synthetic polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for SI-310-43. The notified polymer is intended to be used as a component of printing inks. Up to 100 tonnes of the notified polymer will be imported per annum for each of the first five years.

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

The notified polymer contains combined rosin that is not likely to cause sensitisation. However, up to 11% residual rosin monomers are present. Thus, the product described in the MSDS is classified as R43, and may cause sensitisation by skin contact.

However, analogous polymers have been shown not to be sensitisers. Also 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**

- Employers should implement the following safe work practices to minimise occupational exposure during use of the notified chemical:
  - Prevent splashes and spills.
- Service personnel should wear long impervious PVC gloves and overalls and ensure adequate ventilation is present during routine maintenance and repairs.

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

- A copy of the MSDS should be easily accessible to employees.
- Products and mixtures containing the notified polymer may be classified as hazardous to health in accordance with the NOHSC Approved Criteria for Classifying Hazardous Substances, and 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 polymer in the manufacture of printed documents:
  - Do not allow material or contaminated packaging to enter drains, sewers or water courses.

#### Disposal

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

#### Emergency procedures

- As 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.

### **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.

**20 PUBLICATION SUMMARY REPORT**

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**2-propenoic acid, butyl ester, polymer with diethenylbenzene and ethenylbenzene  
Summary Report  
Reference No: PLC/519**

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Kodak (Australasia) Pty Ltd (ABN 49 004 057 621) of 173 Elizabeth Street Coburg VIC 3058 and IBM Australia Ltd (ABN 79 000 024 733) of Level 13, IBM Centre, 601 Pacific Highway St Leonards NSW 2065 have submitted a synthetic polymer of low concern (PLC) notification statement in support of their joint application for an assessment certificate for 2-propenoic acid, butyl ester, polymer with diethenylbenzene and ethenylbenzene. The notified polymer is intended to be used as a component (50-80%) of copier and printer toners supplied in ready-to-use sealed bottles. Up to 50 tonnes of the notified polymer will be imported per annum for each of the first five years.

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

The notified polymer meets the PLC criteria and the available toxicological data supports the conclusion of low hazard.

**Occupational Health and Safety**

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

**Public Health**

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

**Environmental Effects**

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

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

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

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

- In the interest of occupational health and safety, the following guidelines and precautions should be observed for use of the notified polymer as introduced as a component of toner products:
  - Wearing cotton or disposable gloves and ensuring adequate ventilation during replacement of toner bottles, machine maintenance and repair services;
  - Adequate induction and training programs for service personnel.
- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances*, workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

#### Disposal

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

#### Emergency procedures

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

#### Secondary Notification

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

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act;

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

The Director will then decide whether secondary notification is required.

## 21 PUBLICATION SUMMARY REPORT

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### 2-Butenediol acid (2Z)-polymer with methoxyethene, calcium sodium salt Summary Report Reference No: PLC/521

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ISP Australasia Pty Ltd (ABN 27 000 011 923) of 73-75 Derby Street, Silverwater NSW 2128 has submitted a synthetic polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for 2-Butenediol acid (2Z)-, polymer with methoxyethene, calcium sodium salt. The notified polymer is intended to be used as a film former and fixative for use in denture adhesives. Three to ten tonnes of the notified polymer will be imported per annum for each of the first five years.

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

##### Hazard Assessment

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

##### Occupational Health and Safety

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

##### Public Health

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

##### Environmental Effects

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

#### RECOMMENDATIONS

##### *Control Measures*

##### Occupational Health and Safety

- In the interest of occupational health and safety, the following guidelines and precautions should be observed for use of the notified polymer as introduced as Polymer in Gantrez MS-955:
  - Avoid dust formation.
- 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

- No concentration limits, control measures or monitoring are required in Australia as the notified polymer is a component of a fully finished, imported product.

### Disposal

- No specific disposal requirements are required for the disposal of the notified polymer in Australia as it is a component of a fully finished, imported product.

### Storage

- No specific storage requirements are required for the storage of the notified polymer in Australia as it is a component of a fully finished, imported product.

### Emergency procedures

- No specific handling requirements for spills/release of the notified polymer in Australia are required as it is a component of a fully finished, imported product.

### Transport and Packaging

- No specific transport and packaging requirements for the notified polymer in Australia is required as it is a component of a fully finished, imported product.

### **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.

## 22 ACCESS TO FULL PUBLIC REPORT

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

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

### 23 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
675	International Flavours & Fragrances (Aust) Pty Ltd	3175	Benzoic acid, 2-methyl-, methyl ester	ND	Cosmetics	20.01.05

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

## 24 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
603	Qenos Pty Ltd	3018	XCAT TM EZ-100	Yes	4000 kg	Catalyst	2 yrs
604	Clariant (Australia) Pty Ltd	3148	COMPONENT OF DISSOLVAN 3879-1 CONC.	ND	3200 kg	Crude Oil Processing	1 yr

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

Permit conditions have been altered for the permit listed in Table below. The table shows the current details.

PERMIT NUMBER	COMPANY NAME	POST CODE	CHEMICAL OR TRADE NAME	HAZARDOUS SUBSTANCE	QUANTITY	USE	PERIOD APPROVED
583	Arkema Pty Ltd	3121	Peroxide, bis(1,1-dimethylpropyl)	Yes	2500 kg	Free radical polymerisation initiator	24 months

## 25 EARLY INTRODUCTION PERMITS FOR NON-HAZARDOUS INDUSTRIAL CHEMICALS

The permits listed in Table 3 were issued to import or manufacture the following chemicals prior to the issue of their respective assessment certificates under section 30A of the Act.

**Table 3**

**Early Introduction Permits**

<b>PERMIT NUMBER</b>	<b>COMPANY NAME</b>	<b>CHEMICAL OR TRADE NAME</b>	<b>USE</b>
359	BASF Australia Ltd	Component of Revolution	Surfactant
360	AKZO Nobel Chemicals Pty Ltd	Polymer in Watersol ND-5000	Component of Automotive coating
361	Mitsui & Co (Australia) Ltd	Component of Kaneka Silyl MAX 951 & Kaneka Silyl MAX 932	Ingredient in sealant & adhesive
362	PPG Industries Australia Pty Ltd	Polymer in KZX-115	Component of Automotive Paint
363	PPG Industries Australia Pty Ltd	Polymer in KH-726	Component of Automotive Paint
364	PPG Industries Australia Pty Ltd	Polymer in UX-5210	Component of Automotive Paint
365	The IPL Group	FS-020-200	Toner additive

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

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

**Table 4**

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

CHEMICAL NAME	CAS NUMBER	MOLECULAR FORMULA
Siloxanes and Silicones, di-Me, Bu group- and 3-[(2-methyl-1-oxo-2-propenyl)oxy]propyl group-terminated, polymers with acrylic acid and tert-Bu acrylate	197863-84-6	Unspecified
Amines, polyethylenepoly-, reaction products with C14-24 alpha-alkenes-maleic anhydride polymer, 1,3-dioxolan-2-one and succinic anhydride monopolyisobutylene derivs.	211135-20-5	Unspecified
Molybdenum, bis(2-ethylhexyl)carbomodithioate bis(2-ethylhexyl)carbomothioate oxo thioxo complexes	68954-53-0	Unspecified
1,3-Benzenedimethanamine, N,N,N',N'-tetrakis(oxiranylmethyl)-, polymer with 1,3-benzenedimethanamine	130151-67-6	(C <sub>20</sub> H <sub>28</sub> N <sub>2</sub> O <sub>4</sub> .C <sub>8</sub> H <sub>12</sub> N <sub>2</sub> ) <sub>x</sub>
Siloxanes and Silicones, Me hydrogen, reaction products with 1-dodecene, 1-(ethenyloxy)-2-methylpropane and 1-octene	777058-56-7	Unspecified
O,O-tert-butyl O-(2-ethylhexyl) monoperoxycarbonate	34443-12-4	C <sub>13</sub> H <sub>26</sub> O <sub>4</sub>
2-Propenoic acid, 2-methyl-, butyl ester, telomer with 1-dodecanethiol and alpha-(2-methyl-1-oxo-2-propenyl)-omega-(isotridecyloxy)poly(oxy-1,2-ethanediyl), tert-Bu 2-ethylhexaneperoxoate-initiated	183290-64-4	Unspecified
2-propenoic acid, 2-methyl-, C12-16 alkyl esters, polymers with 2-hydroxyethyl 2-methyl-2-propenoate, methyl 2-methyl-2-propenoate and octadecyl 2-methyl-2-propenoate	247592-49-0	Unspecified

## 27 NOTICE OF AMENDMENTS TO THE AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES

Notice is given in accordance with section 20 of the *Industrial Chemicals (Notification and Assessment) Act 1989* (the Act) that the following amendment have been made to the Australian Inventory of Chemical Substances (AICS).

**Table 5**

### Amendment to AICS

The following CAS number has been deleted from AICS and replaced with the correct CAS Number, chemical name and molecular formula

DELETED CAS NUMBER	CHEMICAL NAME	CAS NUMBER	MOLECULAR FORMULA
107375-39-8	2-Propenoic acid, polymer with 2-methyl-2-[(1-oxo-2-propenyl)amino]-1-propanesulfonic acid monosodium salt and alpha-(2-methyl-1-oxo-2-propenyl)-omega-hydroxypoly(oxy-1,2-ethanediyl)	99247-63-9	(C <sub>7</sub> H <sub>13</sub> NO <sub>4</sub> S.C <sub>3</sub> H <sub>4</sub> O <sub>2</sub> .(C <sub>2</sub> H <sub>4</sub> O) <sub>n</sub> C <sub>4</sub> H <sub>6</sub> O <sub>2</sub> .Na) <sub>x</sub>
8500-47-6	Oils, lanolin, 2-methylpropanoate	85005-47-6	Unspecified
58205-96-2	Sorbitan, diisooctadecanoate, poly(oxy-1,2-ethanediyl) derivs.	121854-68-0	Unspecified
114040-31-2	L-Ascorbic acid-2-phosphate magnesium salt	23666-04-8	C <sub>6</sub> H <sub>9</sub> O <sub>9</sub> P.Mg

The following invalid CAS number is deleted from AICS

12912-39-8

**28 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 6**

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

<b>CHEMICAL NAME</b>	<b>CAS NUMBER</b>	<b>MOLECULAR FORMULA</b>
2-Butenediol acid (2Z)-, polymer with methoxyethene, calcium sodium salt	62386-95-2	$(C_4H_4O_4.C_3H_6O)_x.x$ Ca.xNa
1,2-Propanediol, 3-[(2-ethylhexyl)oxy]-	70445-33-9	$C_{11}H_{24}O_3$
Oxirane, methyl-, polymer with oxirane, mono(2-propylheptyl) ether	166736-08-9	$C_{10}H_{22}O.$ $(C_3H_6O.C_2H_4O)_x$