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CHEMICAL

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Australian Government

Department of Health and Ageing National Industrial Chemicals Notification and Assessment Scheme 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 REGISTRATION RENEWALS DUE BY 31 AUGUST 2006.

This is a reminder to all registrants that NICNAS Registration renewals for the 2006-07 registration year are due for payment by 31 August 2006.

Please complete the Application for renewal/Non renewal and return it with your registration payment to NICNAS, as per instructions on the form. If you do not intend to introduce chemicals during the 2006-07 registration year please complete section 4 of the form and return it to NICNAS

If you have not already received your 2006-07 Application for Renewal/Non renewal form and renewal tax invoice, please contact NICNAS immediately on 1800 638 528.

Please note that any payments received **AFTER** the renewal deadline of 31 August 2006 will incur a **15% late penalty fee**.

2 PUBLICATION SUMMARY REPORT

CGI 113 Summary Report Reference No: STD/1053

Ciba Specialty Chemicals Pty Ltd (ABN 97 005 061 469) of 235 Settlement Road Thomastown VIC 3074 has submitted a standard notification statement in support of their application for an assessment certificate for CGI 113. The notified chemical is intended to be used as an ingredient of UV-curable inks and coatings. It will be incorporated into formulations at three or four sites in Australia, and the formulations will be supplied to industry end-users, for application to metal, paper or plastic substrates by standard printing or coating techniques. Up to ten tonnes of the notified chemical will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

Based on the available data the notified chemical is classified as hazardous under the NOHSC *Approved Criteria for Classifying Hazardous Substances*. The classification is Harmful X_n with the following risk phrase:

- R62: Possible risk of impaired fertility.

Occupational Health and Safety

There is Low Concern to occupational health and safety under the conditions of the occupational settings described, dependent on controls being in place.

Public Health

There is Negligible Concern to public health when used in UV cured inks and coatings.

Environmental Effects

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

RECOMMENDATIONS

Regulatory Controls

Classification and Labelling

- The NOHSC Chemicals Standards Sub-committee should consider the following health hazard classification for the notified chemical:
 - R62: Possible risk of impaired fertility.
- Use the following risk phrase for products/mixtures containing the notified chemical:
 - $\geq 5.0\%$: R62: Possible risk of impaired fertility.

Further testing

It is recommended that a 90-day repeat dose study be carried out, to better characterise the effects found in the 28-day study, especially the effects on the haematopoietic system.

Control Measures

Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to the notified chemical:
 - For formulation, local exhaust ventilation should be used in weighing and mixing areas, to minimise exposure to the notified chemical as a powder.
 - For both formulation and printing/coating operations, the process should be enclosed as much as possible to reduce dermal exposure and the possibility of exposure to aerosols.
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical as introduced or in products:
 - In handling notified chemical, avoid spills and dust generation.
 - In handling inks/coatings containing the notified chemical, avoid spills, splashes or aerosol generation that would increase exposure.
 - Avoid direct handling of the notified chemical and products where possible
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical as introduced or in products:
 - Respiratory protection capable of filtering out respirable particles, if exposure to dust is likely
 - Gloves
 - Protective clothing
 - Safety eye protection

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

- The MSDS should be revised according to the NOHSC *National Code of Practice for the Preparation of Material Safety Data Sheets* (NOHSC, 2003) to reflect the new toxicity data and the recommended human health hazard classification of R62.
- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified chemical are classified as hazardous to health in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances*, workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Environment

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

Disposal

- The notified chemical should be disposed of into landfill or incinerated.

Emergency procedures

- Spills/release of the notified chemical should be handled by damping down, scooping up and placing in marked containers for disposal.

Secondary Notification

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

Under sub-section 64(1) of the Act; if

- the use pattern of the notified chemical changes in such a way as to increase the exposure of the chemical to the aquatic compartment. A secondary notification will allow a more detailed risk assessment of the changed use pattern.
- the use pattern of the notified chemical changes in such a way as to increase occupational exposure, either through inhalation or dermal contact eg change to a dispersive use, or use where aerosols are formed.
- Further toxicological data on the notified chemical becomes available eg a 90-day repeated dose study.

or

Under sub-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.

3 PUBLICATION SUMMARY REPORT

FC-1100 Fluorad Mist Control Agent Summary Report Reference No: STD/1076

3M Australia Pty Ltd, of 2-74 Dunheved Circuit St Marys NSW 2760 has submitted a standard notification statement in support of their application for an assessment certificate for FC-1100 Fluorad Mist Control Agent. The notified chemical is intended to be used as a surfactant in an imported mist control agent. Less than 10 tonnes of the notified chemical will be imported per annum in the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

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

Occupational Health and Safety

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

Public Health

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

Environmental Effects

As long as spent electrolytes are not released to the sewer, 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:
 - Do not eat, drink or smoke when using this product
 - Wash hands thoroughly with soap and water after use and before eating or smoking.
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical:
 - Safety goggles
 - Gloves

- Industrial 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 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 licensed industrial or commercial incineration facility capable of handling halogenated materials and with proper controls for HF.
- Do not dispose of spent electrolyte solutions into the sewer.

Emergency procedures

Spills/release of the notified chemical should be contained and covered with commercially available inorganic absorbent material, working from around the edges of the spill inwards, until it appears dry. As much of the spill should be collected as possible, and the residue cleaned up with water.

Secondary Notification

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

Under Subsection 64(1) of the Act; if

- use is proposed in situations where greater release/dispersal to the environment is likely, such as in fire-fighting foams

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.

4 PUBLICATION SUMMARY REPORT

Levafix Red CA Summary Report Reference No: STD/1089

Dychem Industries Pty Ltd (ABN 76 055 025 879) of 60-62 Kylta Road, West Heidelberg VIC 3081 has submitted a standard notification statement in support of their application for an assessment certificate for Levafix Red CA. The notified chemical is intended to be used as a dye for cellulose textiles. It will be imported and distributed for use in dye houses in Australia. Up to three tonnes of the notified chemical will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

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

- Xi Irritant
- R41 Risk of serious damage to eyes.

Occupational Health and Safety

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

Public Health

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

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:
 - Xi Irritant
 - R41 Risk of serious eye damage
- Use the following risk phrases for products/mixtures containing the notified chemical:
 - ≥10%:

- Xi Irritant
 - R41 Risk of serious eye damage
- 10% > conc ≥ 5%
 - Xi Irritant

Health Surveillance

- As the notified chemical is a reactive dye, employers should carry out health surveillance for any worker who has been identified in the workplace risk assessment as having a significant risk of skin and respiratory sensitisation. Individuals who become sensitised should not continue to handle the notified chemical.

Control Measures

Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to the notified chemical during colour matching, and weighing and mixing operations:
 - Local exhaust ventilation to control dust
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical as introduced and during dyeing operations:
 - Do not breathe dust
 - Avoid contact with eyes and skin
 - In the event of contamination, change protective gloves immediately.
 - In case of contact with eye, rinse immediately with plenty of water and seek medical advice.
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical as introduced and during manual operations:
 - Eye/face protection, e.g. safety glasses with side protection
 - Respiratory protection with particle filter when there is a chance of dust formation
 - Gloves
 - Industrial clothing and footwear

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

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

Environment

Disposal

- The notified chemical should be disposed of by incineration and landfill

Storage and Handling

- The following precautions should be taken by the Notifier and end-users regarding storage and handling of the notified chemical:
 - Avoid formation and deposition of dust
 - Observe the usual precautionary measures required for chemicals with dust-explosive properties and take precautionary measures against static discharge
 - Observe the usual precautionary measures for organic dust and observe the NOHSC exposure standard for nuisance dust of 10mg/m³

Emergency procedures

- Soak up spills with inert absorbent material (eg sand, earth, vermiculite, diatomaceous earth) and shovel into suitable container for disposal according to local authorities. Rinse away residues with water preventing washings from entering waterways.

Secondary Notification

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

Under Section 64(1) of the Act; if

- the formulation process for and or purity of the notified chemical is changed
- adverse reports regarding skin sensitisation are received.

5 PUBLICATION SUMMARY REPORT

Levafix Yellow CA Summary Report Reference No: STD/1090

Dychem Industries Pty Ltd (ABN 76 055 025 879) of 60-62 Kylta Road, West Heidelberg VIC 3081 has submitted a standard notification statement in support of their application for an assessment certificate for Levafix Yellow CA. The notified chemical is intended to be used as a dye for cellulose textiles. The notified chemical will be imported and distributed to dye houses in Australia. Up to three tonnes of the notified chemical will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

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

Occupational Health and Safety

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

Public Health

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

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

Health Surveillance

- As the notified chemical is a reactive dye, employers should carry out health surveillance for any worker who has been identified in the workplace risk assessment as having a significant risk of skin and respiratory sensitisation. Individuals who become sensitised should not continue to handle the notified chemical.

Control Measures

Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to the notified chemical during colour matching, and weighing and mixing operations:

- Local exhaust ventilation to control dust
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical as introduced and during dyeing operations]:
 - Do not breathe dust
 - Avoid contact with eyes and skin.
 - In the event of contamination, change protective gloves immediately.
 - In case of contact with eye, rinse immediately with plenty of water and seek medical advice.
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical as introduced and during manual operations:
 - Eye/face protection, e.g. safety glasses with side protection
 - Respiratory protection with particle filter when there is a chance of dust formation
 - Gloves
 - Industrial clothing and footwear

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

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

Environment

Disposal

- The notified chemical should be disposed of by authorised incineration.

Storage and Handling

- The following precautions should be taken by the Notifier and end-users regarding storage and handling of the notified chemical:
 - Avoid formation and deposition of dust
 - Observe the usual precautionary measures required for chemicals with dust-explosive properties and take precautionary measures against static discharge
 - Observe the usual precautionary measures for organic dust and observe the NOHSC exposure standard for nuisance dust of 10mg/m³

Emergency procedures

- Accidental spills or release of the notified chemical should be handled by physical collection without raising dust such as using suitable vacuum cleaner or dust binding material followed by disposal. Residues may be diluted without allowing entry to waterways and then collected using inert absorbent material (eg sand, earth, vermiculite, diatomaceous earth) and shovelled into suitable container for disposal.

Secondary Notification

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

Under Section 64(1) of the Act; if

- the formulation process for and or purity of the notified chemical is changed
- adverse reports related to skin or respiratory sensitisation

or

Under Section 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

6 PUBLICATION SUMMARY REPORT

Levafix Navy CA Summary Report Reference No: STD/1091

Dychem Industries Pty Ltd (ABN 76 055 025 879) of 60-62 Kylta Road, West Heidelberg VIC 3081 has submitted a standard notification statement in support of their application for an assessment certificate for Levafix Navy CA. The notified chemical is intended to be used as a dye for cellulose textiles. It will be imported and distributed to dye houses in Australia. Up to three tonnes of the notified chemical will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

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

Occupational Health and Safety

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

Public Health

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

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

Health Surveillance

- As the notified chemical is a reactive dye, employers should carry out health surveillance for any worker who has been identified in the workplace risk assessment as having a significant risk of skin and respiratory sensitisation. Individuals who become sensitised should not continue to handle the notified chemical.

Control Measures

Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to the notified chemical during colour matching, and weighing and mixing operations:

- Local exhaust ventilation to control dust
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical as introduced and during dyeing operations]:
 - Do not breathe dust
 - Avoid contact with eyes
 - In the event of contamination, change protective gloves immediately.
 - In case of contact with eye, rinse immediately with plenty of water and seek medical advice.
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical as introduced and during manual operations:
 - Eye/face protection, e.g. safety glasses with side protection
 - Respiratory protection with particle filter when there is a chance of dust formation
 - Gloves
 - Industrial clothing and footwear

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

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

Environment

Disposal

- The notified chemical should be disposed of by authorised incineration.

Storage and Handling

- The following precautions should be taken by the Notifier and end-users regarding storage and handling of the notified chemical:
 - Avoid formation and deposition of dust
 - Observe the usual precautionary measures required for chemicals with dust-explosive properties and take precautionary measures against static discharge
 - Observe the usual precautionary measures for organic dust and observe the NOHSC exposure standard for nuisance dust of $10\text{mg}/\text{m}^3$

Emergency procedures

- Spills/release of the notified chemical should be handled by physical collection using suitable vacuum cleaner or dust binding material followed by disposal. Residues may be diluted without allowing entry to waterways and then collected using inert

absorbent material (eg sand, earth, vermiculite, diatomaceous earth) and shovelled into suitable container for disposal.

Secondary Notification

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

Under Section 64(1) of the Act; if

- the formulation process for and or purity of the notified chemical is changed
- adverse reports related to skin or respiratory sensitisation are received.

or

Under Section 64(2) of the Act:

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

- The Director will then decide whether secondary notification is required.

7 PUBLICATION SUMMARY REPORT

2,4,6-Tris(2,4,6-tribromophenoxy)-1,3,5-triazine (FR-245) Summary Report Reference No: STD/1132

Marchem Australasia Pty Ltd (ABN 34 055 411 133) of 38-40 Cromer Ave, Sunshine North, VIC, 3020 has submitted a standard notification statement in support of their application for an assessment certificate for 2,4,6-Tris(2,4,6-tribromophenoxy)-1,3,5-triazine (FR-245). The notified chemical is intended to be used as a flame retardant additive in polymer matrices in electrical/electronic applications. Up to 50 tonnes of the notified chemical will be imported per annum in the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

Based on the available data the notified chemical is not classified as hazardous under the NOHSC *Approved Criteria for Classifying Hazardous Substances*. The notified chemical and its theoretical potential breakdown product tribromophenol (TBP) are not considered to be potential persistent organic pollutant (POP) chemicals.

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 chemical is not considered to pose a risk to the environment based on its reported use pattern and levels of introduction.

RECOMMENDATIONS

Regulatory Controls

Annual Reporting

- Given the current international action on brominated flame retardants, the holder of the certificate should report to NICNAS annually the amount of notified chemical introduced, any known adverse occupational health and safety, public health and environmental effects of the notified chemical and any new information regarding blooming potential.

AICS

- When the notified chemical is added to the Australian Inventory of Chemical Substances (AICS), it should be annotated with the following condition of use:
 - For use only as a flame retardant additive in polymer matrices in electrical/electronic applications.

Control Measures

Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to the notified chemical during compounding and plastic recycling:
 - Operations should take place under local exhaust ventilation
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical during compounding and plastic recycling:
 - Avoid skin and eye contact
 - Avoid breathing dust
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical during compounding and plastic recycling:
 - Coveralls
 - Impervious gloves
 - Eye protection
 - Suitable respiratory protection where adequate ventilation is not present

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

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

Disposal

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

Emergency procedures

- Spills or accidental release of the notified chemical should be contained, collected and stored in a labelled, sealable container ready for disposal.

Secondary Notification

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

Under Section 64(1) of the Act;

- when the EU risk assessment is finalised

- when the oral absorption study and any data generated for the EU risk assessment becomes available.
- if any new information regarding blooming potential becomes available.

or

Under Section 64(2) of the Act:

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

The Director will then decide whether secondary notification is required. Under section 64 (2) of the Act, if the importation volume exceeds one hundred tonnes per annum, additional data will be required on the potential blooming (such as an aging test). In addition, if blooming is shown to be significant a higher tier longer term biodegradability study may be required, with the formation of the theoretical breakdown product TBP measured.

8 PUBLICATION SUMMARY REPORT

Chemical in Plantapon LGC Summary Report Reference No: STD/1186

Cognis Australia Pty Ltd (ABN 87 006 374 456) of 4 Saligna Drive, Tullamarine, VIC 3043 has submitted a standard notification statement in support of their application for an assessment certificate for Chemical in Plantapon LGC. The notified chemical is intended to be used as ingredient in personal care products. Up to 15 tonnes of the notified chemical will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

Based on the available data, the notified chemical cannot be classified as a hazardous substance in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances*. However, as precaution measurement, the notifier has classified the notified chemical as a skin and eye irritant.

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

On the basis of the PEC/PNEC ratio:

- The chemical may pose a risk to the environment based on the use pattern.

RECOMMENDATIONS

Regulatory Controls

Hazard Classification and Labelling

- The notifier should apply the following health hazard classification to the notified chemical:
 - R36/38 Irritating to eyes and skin.
- Use the following safety phrases for products/mixtures containing the notified chemical:
 - S24/25 Avoid contact with skin and eyes
 - S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 - S28 After contact with skin, wash immediately with plenty of water.
 - S37/39 Wear suitable gloves and eye/face protection.

Control Measures

Occupational Health and Safety

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical as introduced:
 - Avoid contact with skin and eyes
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical as introduced:
 - Workers are required to wear protective goggles and hand protection when handling the commercial form, for example, when connecting/disconnection transfer hoses between imported container and end-product blending vessel. The handling of the imported form is facilitated by its dilute (20%) liquid form and no hazardous vapours would be emitted that would require local exhaust ventilation, although such a system is usually present at the loading hatch of blending vessels.

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

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

Environment

- The following control measures should be implemented to minimise environmental exposure during reformulation of the products containing the notified chemical:
 - Do not release formulation washing to the sewer.

Disposal

- The notified chemical should be disposed of by waste incineration or disposal with the approval of responsible local authority.

Storage

- The following precautions should be taken regarding storage of the notified chemical:
 - Keep container tightly sealed.
 - < + 30 °C

Emergency procedures

- Spills/release of the notified chemical should be handled by removing with liquid absorbing material such as sand, peat, sawdust. Do not empty into drains, surface water or ground water.

Secondary Notification

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

Under Section 64(1) of the Act; if

- the concentration of the chemical in personal care consumer products exceeds 2%.
- further information becomes available on the irritating potential of the notified chemical.

or

Under Section 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

9 PUBLICATION SUMMARY REPORT

Component 4 (XC6170) Summary Report Reference No: STD/1196

Oronite Australia Pty Ltd (ABN: 16 101 548 716) of Level 8, 520 Collins St, Melbourne, VIC 3000 and Mobil Oil Australia (ABN: 88 004 052 984) of 29 Francis St, Yarraville Victoria, 3013 have submitted standard notification statements in support of their applications for an assessment certificate for Component 4 (XC6170). The notified chemical is intended to be used as a lubricant additive. Up to 220 tonnes of the notified chemical will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

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

- R43 – May cause sensitisation by skin contact

Occupational Health and Safety

There is Low Concern to occupational health and safety under the conditions of the occupational settings described, based on the expected low exposure.

Public Health

There is High Concern to public health when used as a lubricant additive due to the hazardous nature and proposed use patterns.

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 Office of the ASCC, Department of Employment and Workplace Relations (DEWR), should consider the following hazard classification for the notified chemical:
 - R43 May cause sensitisation by skin contact
- The following risk phrases for products/mixtures containing the notified chemical apply:
 - $\geq 1\%$ R43 May cause sensitisation by skin contact

- Products containing $\geq 1\%$ notified chemical should carry the following warnings on the label:
 - S2 Keep out of reach of children
 - S24 Avoid contact with skin
 - S36 Wear suitable protective clothing
 - S37 Wear suitable gloves

The National Drugs and Poisons Schedule Committee (NDPSC) should consider the notified chemical for listing on the SUSDP.

Control Measures

Occupational Health and Safety

- Employers should implement the following safe practices to minimise occupational exposure during handling of the notified chemical as introduced:
 - Minimise spills and drips
 - Where possible, automated processes should be used to reduce worker contact
 - Use closed systems for reformulation
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical as introduced and as diluted for use in the lubricant product:
 - 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.

Public Health

- The marketers of lubricants containing 1% or more the notified chemical should indicate on the product label that the product may cause skin sensitisation (allergic skin reaction) and that skin contact should be avoided.

Disposal

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

Emergency procedures

- Spills or accidental release of the notified chemical should be handled by preventing spills entering waterways, using physical containment, followed by absorption onto inert material (vermiculite, sand etc) and placed into suitable containers for disposal.

Secondary Notification

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

Under Section 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

No additional secondary notification conditions are stipulated.

10 PUBLICATION SUMMARY REPORT

Component 5 (XC6170) Summary Report Reference No: STD/1197

Oronite Australia Pty Ltd (ABN: 16 101 548 716) of Level 8, 520 Collins St, Melbourne, VIC 3000 has submitted a standard notification statement in support of their applications for an assessment certificate for Component 5 (XC6170). The notified chemical is intended to be used as a lubricant additive. Up to 100 tonnes of the notified chemical will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

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

- R43 – May cause sensitisation by skin contact

Occupational Health and Safety

There is Low Concern to occupational health and safety under the conditions of the occupational settings described, based on the expected low exposure.

Public Health

There is High Concern to public health when used as a lubricant additive due to the hazardous nature and proposed use patterns.

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 Office of the ASCC, Department of Employment and Workplace Relations (DEWR), should consider the following hazard classification for the notified chemical:
 - R43 May cause sensitisation by skin contact
- The following risk phrases for products/mixtures containing the notified chemical apply:
 - $\geq 1\%$ R43 May cause sensitisation by skin contact

- Products containing $\geq 1\%$ notified chemical should carry the following warnings on the label:
 - S2 Keep out of reach of children
 - S24 Avoid contact with skin
 - S36 Wear suitable protective clothing
 - S37 Wear suitable gloves

The National Drugs and Poisons Schedule Committee (NDPSC) should consider the notified chemical for listing on the SUSDP.

Control Measures

Occupational Health and Safety

- Employers should implement the following safe practices to minimise occupational exposure during handling of the notified chemical as introduced:
 - Minimise spills and drips
 - Where possible, automated processes should be used to reduce worker contact
 - Use closed systems for reformulation
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical as introduced and as diluted for use in the lubricant product:
 - 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.

Public Health

- The marketers of lubricants containing 1% or more the notified chemical should indicate on the product label that the product may cause skin sensitisation (allergic skin reaction) and that skin contact should be avoided.

Disposal

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

Emergency procedures

- Spills or accidental release of the notified chemical should be handled by preventing spills entering waterways, using physical containment, followed by absorption onto inert material (vermiculite, sand etc) and placed into suitable containers for disposal.

Secondary Notification

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

Under Section 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

No additional secondary notification conditions are stipulated.

11 PUBLICATION SUMMARY REPORT

Component 1 (Mixed sulfonic acid, calcium salts) Summary Report Reference No: STD/1200

Oronite Australia Pty Ltd (ABN: 16 101 548 716) of Level 8, 520 Collins St, Melbourne, VIC 3000 has submitted a standard notification statement in support of their applications for an assessment certificate for Component 1 (Mixed sulfonic acid, calcium salts). The notified chemical is intended to be used as a lubricant additive. Up to 100 tonnes of the notified chemical will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

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

- R43 – May cause sensitisation by skin contact

Occupational Health and Safety

There is Low Concern to occupational health and safety under the conditions of the occupational settings described, based on the expected low exposure.

Public Health

There is High Concern to public health when used as a lubricant additive due to the hazardous nature and proposed use patterns.

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 Office of the ASCC, Department of Employment and Workplace Relations (DEWR), should consider the following hazard classification for the notified chemical:
 - R43 May cause sensitisation by skin contact
- The following risk phrases for products/mixtures containing the notified chemical apply:
 - ≥1% R43 May cause sensitisation by skin contact

- Products containing $\geq 1\%$ notified chemical should carry the following warnings on the label:
 - S2 Keep out of reach of children
 - S24 Avoid contact with skin
 - S36 Wear suitable protective clothing
 - S37 Wear suitable gloves

The National Drugs and Poisons Schedule Committee (NDPSC) should consider the notified chemical for listing on the SUSDP.

Control Measures

Occupational Health and Safety

- Employers should implement the following safe practices to minimise occupational exposure during handling of the notified chemical as introduced:
 - Minimise spills and drips
 - Where possible, automated processes should be used to reduce worker contact
 - Use closed systems for reformulation
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical as introduced and as diluted for use in the lubricant product:
 - 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.

Public Health

- The marketers of lubricants containing 1% or more the notified chemical should indicate on the product label that the product may cause skin sensitisation (allergic skin reaction) and that skin contact should be avoided.

Disposal

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

Emergency procedures

- Spills or accidental release of the notified chemical should be handled by preventing spills entering waterways, using physical containment, followed by absorption onto inert material (vermiculite, sand etc) and placed into suitable containers for disposal.

Secondary Notification

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

Under Section 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

No additional secondary notification conditions are stipulated.

12 PUBLICATION SUMMARY REPORT

Component 2 (Mixed sulfonic acid, calcium salts) Summary Report Reference No: STD/1201

Oronite Australia Pty Ltd (ABN: 16 101 548 716) of Level 8, 520 Collins St, Melbourne VIC 3000 has submitted a standard notification statement in support of their applications for an assessment certificate for Component 2 (Mixed sulfonic acid, calcium salts). The notified chemical is intended to be used as a lubricant additive. Up to 100 tonnes of the notified chemical will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

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

- R43 – May cause sensitisation by skin contact

Occupational Health and Safety

There is Low Concern to occupational health and safety under the conditions of the occupational settings described, based on the expected low exposure.

Public Health

There is High Concern to public health when used as a lubricant additive due to the hazardous nature and proposed use patterns.

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 Office of the ASCC, Department of Employment and Workplace Relations (DEWR), should consider the following hazard classification for the notified chemical:
 - R43 May cause sensitisation by skin contact
- The following risk phrases for products/mixtures containing the notified chemical apply:
 - ≥1% R43 May cause sensitisation by skin contact

- Products containing $\geq 1\%$ notified chemical should carry the following warnings on the label:
 - S2 Keep out of reach of children
 - S24 Avoid contact with skin
 - S36 Wear suitable protective clothing
 - S37 Wear suitable gloves

The National Drugs and Poisons Schedule Committee (NDPSC) should consider the notified chemical for listing on the SUSDP.

Control Measures

Occupational Health and Safety

- Employers should implement the following safe practices to minimise occupational exposure during handling of the notified chemical as introduced:
 - Minimise spills and drips
 - Where possible, automated processes should be used to reduce worker contact
 - Use closed systems for reformulation
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical as introduced and as diluted for use in the lubricant product:
 - 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.

Public Health

- The marketers of lubricants containing 1% or more the notified chemical should indicate on the product label that the product may cause skin sensitisation (allergic skin reaction) and that skin contact should be avoided.

Disposal

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

Emergency procedures

- Spills or accidental release of the notified chemical should be handled by preventing spills entering waterways, using physical containment, followed by absorption onto inert material (vermiculite, sand etc) and placed into suitable containers for disposal.

Secondary Notification

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

Under Section 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

No additional secondary notification conditions are stipulated.

13 PUBLICATION SUMMARY REPORT

Component 3 (Mixed sulfonic acid, calcium salts) Summary Report Reference No: STD/1202

Oronite Australia Pty Ltd (ABN: 16 101 548 716) of Level 8, 520 Collins St, Melbourne, VIC 3000 has submitted a standard notification statement in support of their applications for an assessment certificate for Component 3 (Mixed sulfonic acid, calcium salts). The notified chemical is intended to be used as a lubricant additive. Up to 100 tonnes of the notified chemical will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

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

- R43 – May cause sensitisation by skin contact

Occupational Health and Safety

There is Low Concern to occupational health and safety under the conditions of the occupational settings described, based on the expected low exposure.

Public Health

There is High Concern to public health when used as a lubricant additive due to the hazardous nature and proposed use patterns.

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 Office of the ASCC, Department of Employment and Workplace Relations (DEWR), should consider the following hazard classification for the notified chemical:
 - R43 May cause sensitisation by skin contact
- The following risk phrases for products/mixtures containing the notified chemical apply:
 - ≥1% R43 May cause sensitisation by skin contact

- Products containing $\geq 1\%$ notified chemical should carry the following warnings on the label:
 - S2 Keep out of reach of children
 - S24 Avoid contact with skin
 - S36 Wear suitable protective clothing
 - S37 Wear suitable gloves

The National Drugs and Poisons Schedule Committee (NDPSC) should consider the notified chemical for listing on the SUSDP.

Control Measures

Occupational Health and Safety

- Employers should implement the following safe practices to minimise occupational exposure during handling of the notified chemical as introduced:
 - Minimise spills and drips
 - Where possible, automated processes should be used to reduce worker contact
 - Use closed systems for reformulation
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical as introduced and as diluted for use in the lubricant product:
 - 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.

Public Health

- The marketers of lubricants containing 1% or more the notified chemical should indicate on the product label that the product may cause skin sensitisation (allergic skin reaction) and that skin contact should be avoided.

Disposal

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

Emergency procedures

- Spills or accidental release of the notified chemical should be handled by preventing spills entering waterways, using physical containment, followed by absorption onto inert material (vermiculite, sand etc) and placed into suitable containers for disposal.

Secondary Notification

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

Under Section 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

No additional secondary notification conditions are stipulated.

14 PUBLICATION SUMMARY REPORT

UVEB 3708 Summary Report Reference No: LTD/1224

Cytec Australia Holdings Pty Ltd (ABN 45 081 148 629) of Suite 1, level 1, 21 Solent Circuit, Baulkham Hills, NSW 2153 and IGT Intergraphic Technologies Pty Ltd (ABN 21 111 990 017) of 26 Ovata Drive, Tullamarine, VIC 3043 have submitted a limited notification statement in support of their application for an assessment certificate for UVEB 3708. The notified polymer is intended to be used as an ingredient in an adhesive in the manufacture of DVDs. Up to 65 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

Few toxicological data have provided for the notified polymer and therefore the substance cannot be classified in accordance with the NOHSC Approved Criteria for Classifying Hazardous Substances.

Occupational Health and Safety

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

Public Health

There is Negligible Concern to public health when used 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

Regulatory Controls

Health Surveillance

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

Control Measures

Occupational Health and Safety

- Employers should note the likely irritant and sensitising properties of the notified polymer in classifying mixtures and in preparing MSDS.

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified polymer as introduced:
 - Avoid contact with skin and eyes
 - Clean up spills promptly
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer as introduced:
 - safety glasses
 - impermeable laminated multi-layer plastic gloves or nitrile-butadiene-rubber gloves
 - 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 polymer are classified as hazardous to health in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances*, workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Disposal

- The notified polymer should be disposed of by:
 - Disposal of empty drums is to land fill.
 - Disposal of waste finished products is by incineration at an approved waste handler. Any adhesive sludge or waste containing the UVEB 3708 material should be disposed of through certified Transport, Treatment and Disposal facilities, as required. These wastes are then collected and sent for incineration.

Emergency procedures

- Accidental spills/release of the notified polymer should be handled as described below:
 - Small spills of notified polymer can be wiped with a dry cloth or absorbent paper which should then be discarded as scheduled hazardous waste as per national requirements. To remove residues, small spill areas should be mopped with water. The watery residues from cleaning small spills can be disposed of to the water treatment facility.
- Larger spills of notified polymer should be cleaned up promptly using absorbent materials such as mineral filler such as sand, diatomaceous earth etc. These materials should be placed into containers for disposal by a licensed waste disposal company. To remove residues, the spill area should be hosed with water, and the watery residues prevented from entering waterways.
- In case of accidental skin and eye contact, avoid concurrent exposure to the sun or other sources of UV light, which may increase the sensitivity of the skin or eyes.

Storage

- The following precautions should be taken by the notifier and end-users regarding storage of adhesive formulations containing the notified chemical:
 - Store drums below 40 °C to avoid hazardous polymerisation that may lead to pressure buildup and possible rupture of the drums.

Secondary Notification

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

Under Section 64(1) of the Act; if

- the notified polymer is introduced in any form other than as $\leq 65\%$ of an adhesive formulation.; or
- if toxicity data is available on the notified polymer; or
- if the notified polymer is imported in the absence of the main hazardous impurity.

or

Under Section 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

15 PUBLICATION SUMMARY REPORT

**Polymer in Tego Antifoam MR 465 and Polymer in Tego Antifoam MR 467
Summary Report
Reference No: LTD/1230**

International Sales and Marketing (ABN: 36-467-259-314) of 262 Highett Road, Highett, Victoria, 3190, and Lubrizol International Inc. (ABN: 52-073-495-603) of 28 River St, Silverwater, NSW, 2128 and Afton Chemical Asia Pacific LLC (ABN: 99-109-644-288) Level 9/ 20 Berry St, North Sydney, NSW, 2060 has submitted a limited notification statement in support of their application for an assessment certificate for Polymer in Tego Antifoam MR 465 and Polymer in Tego Antifoam MR 467. The notified polymer is intended to be used as an antifoam fuel additive for non-aqueous media (fuel). 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**

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

Occupational Health and Safety

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

Public Health

There is 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

- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer as introduced:
 - *Gloves (impervious)*
 - *Eye protection*
 - *Coveralls*

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

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

Disposal

- The notified polymer should be disposed of by incineration.

Storage

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

Emergency procedures

Spills or accidental release of the notified polymer should be handled by physical containment and subsequent adsorption onto adsorptive material. The adsorbed material should be disposed of by authorised incineration.

Secondary Notification

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

Under Section 64(1) of the Act; if

- the notified polymer is present in the fuel at >0.1%;

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.

16 PUBLICATION SUMMARY REPORT

**Silsense PE-100
Summary Report
Reference No: LTD/1247**

Lubrizol International, Inc (ABN 52 073 495 603) of 28 River Street, Silverwater NSW 2128 has submitted a limited notification statement in support of their application for an assessment certificate for SilSense PE-100. The notified polymer is intended to be used as anionic silicone for use at up to 2.5% in personal care products for hair and skin such as hair and skin conditioners, creams and lotions, bath gels and liquid soaps. 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**

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

- Xi: irritant
- R43 may cause sensitisation by skin contact

Occupational Health and Safety

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

Public Health

There is Low Concern to public health when used in the proposed manner, with precautions to avoid and monitor any sensitisation.

Environmental Effects

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

*Regulatory Controls***Hazard Classification and Labelling**

- The Office of the ASCC, Department of Employment and Workplace Relations (DEWR), should consider the following health hazard classification for the notified polymer:
 - Xi: irritant
 - R43 may cause sensitisation by skin contact
- The National Drugs and Poisons Standing Committee (NDPSC) should consider the notified chemical for listing on the SUSDP.

Health Surveillance

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

Control Measures

Occupational Health and Safety

- Appropriate engineering controls, work practices and personal protective equipment should be used to prevent dermal contact of workers to the notified chemical as introduced, and in formulated products.

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.
- The MSDS for products containing the notified polymer at $\geq 1\%$ should include the relevant risk phrase and include precautions to avoid sensitisation of workers.
- 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.

Public Health

- Any adverse health effects resulting from use of the notified polymer in consumer products should be reported to NICNAS.
- The following measures should be taken by industry to minimise the risk to the public from skin sensitisation:
 - Importers and marketers of the notified polymer should inform formulators of the potential for sensitisation
 - Formulators, importers and marketers of personal care products containing the notified polymer should take account of the sensitisation potential, the pattern of use and whether the product is retained on the skin and, if warranted, should limit the concentration in the product.

Environment

Disposal

- The notified polymer should be disposed of by incineration.

Storage

- The following precautions should be taken: keep container close when not use. Empty containers product residue which may exhibit hazards of product.

Emergency procedures

- Spills/release of the notified chemical should be handled by prevent to enter into the sewers and waterways. Pick up free liquids for recycle and/or disposal. Residual liquid can be adsorbed on inert material.

RECOMMENDATIONS

Secondary Notification

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

Under Section 64(1) of the Act; if

- the concentration of the chemical in personal care consumer products exceeds 2.5%.
- the notified polymer is incorporated in personal care products that will be used in the workplace eg hairdressing or beauty salons.
- the notified polymer is used in personal care products specifically marketed for babies or children.
- The notified polymer is in a product of a spray form.
- further information becomes available on the sensitisation potential of the notified polymer

or

Under Section 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

17 PUBLICATION SUMMARY REPORT

Fatty acids, tall-oil, lithium salts Summary Report Reference No: LTD/1249

Castrol Performance Lubricants Pty Ltd (ABN 20 003 663 474) of 132 McCredie Road, Guildford NSW 2161 has submitted a limited notification statement in support of their application for an assessment certificate for fatty acids, tall-oil, lithium salts. The notified chemical is intended to be used as a thickener in greases. Up to 0.5 tonnes of the notified chemical will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

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

Occupational Health and Safety

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

Public Health

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

Environmental Effects

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

RECOMMENDATIONS

Control Measures

Occupational Health and Safety

- Where prolonged contact with the skin is unavoidable, wearing of personal protective equipment is recommended.

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 by incineration or disposed by licensed waste oil collection services or recycling or disposed as hard rubbish at licensed tips.

Emergency procedures

- Spills/release of the notified chemical should be handled as follows:
 - Greases: recover residues with absorbent such as soil or sand, sawdust, inert material, vermiculite and disposed of through licensed waste oil collection services for recycling and recovery.
 - Packages: must be thoroughly drained prior to recycle or disposal as hard rubbish at licensed tip.

In a fire situation, use self-contained breathing apparatus or OSHA/NIOSH approved supplied-air respirator .

Secondary Notification

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

Under Section 64(1) of the Act; if

- the importation volume of the notified chemical exceeds one tonne per annum.

or

Under Section 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

18 PUBLICATION SUMMARY REPORT

Polymer in OS207197/Polymer in OS204957 Summary Report Reference No: LTD/1254

Lubrizol International Inc.(ABN 52 073 495 603) of 28 River Street Silverwater NSW 2128 has submitted a limited notification statement in support of their application for an assessment certificate for Polymer in OS207197 / Polymer in OS204957. The notified polymer is intended to be used as a viscosity modifier in automatic transmission fluids, gear oils and hydraulic fluids. 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

No toxicological data have been provided for the notified polymer and therefore the substance cannot be classified in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances*.

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 the notified polymer is introduced and used as described.

Environmental Effects

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

RECOMMENDATIONS

Control Measures

Occupational Health and Safety

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified polymer as introduced, and as diluted for use in blended products:
 - Avoid skin and eye contact

- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer as introduced, and as diluted for use in blended products:
 - 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.

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

Disposal

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

Storage

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

Emergency procedures

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

Secondary Notification

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

Under 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.

19 PUBLICATION SUMMARY REPORT

**Castor oil, monomaleate
Summary Report
Reference No: LTD/1255**

ISP (Australasia) Pty Ltd (ABN 000 011 923) of 73-75 Derby Street Silverwater NSW 2128 has submitted a limited notification statement in support of their application for an assessment certificate for Castor oil, monomaleate. The notified chemical is intended to be used as component of personal care wash off products. Up to 1 tonne of the notified chemical will be imported per annum for each of the first five years as part of a formulated product,, which will be distributed and sold to consumers.

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:

- Xi = Irritant
- R43 = May cause sensitisation by skin contact
- S24 = Avoid contact with skin
- S36/37 = Wear suitable protective clothing & gloves

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 for use of the notified substance at concentration less than 1% in wash off personal care products.

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:
 - Xi = Irritant
 - R43 = May cause sensitisation by skin contact
 - S24 = Avoid contact with skin

- S36/37 = Wear suitable protective clothing & gloves
- Use the following risk phrases for products/mixtures containing the notified chemical:
 - concentration cut-off: $\geq 1\%$
 - risk phrases:
 - R43
 - S24
 - S36/37
- The National Drugs and Poisons Standing Committee (NDPSC) should consider the notified chemical for listing on the SUSDP.

AICS

- When the notified chemical is added to the Australian Inventory of Chemical Substances (AICS), it should be annotated with the following condition of use:
 - For use only in wash-off personal care formulations containing $< 1\%$ notified chemical.

Control Measures

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

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

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

Public Health

- The following measures should be taken by the supplier to minimise public exposure to hazardous impurities in the notified chemical:
 - Monitor and minimize the level of impurities

Disposal

- The notified chemical should be disposed of by: empty containers should be disposed to landfill via household garbage collection.

Emergency procedures

- Spills or accidental release of the notified chemical should be handled by containing the spill with sand or inert materials followed by flushing the area with water.

Secondary Notification

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

Under Section 64(1) of the Act; if

- additional toxicology data become available
- any adverse reaction reports related to the use of the notified substance become available

or

Under Section 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

20 PUBLICATION SUMMARY REPORT

Phenol, 4,4'-(1-methylethylidene)bis[2,6-dibromo-, polymer with (chloromethyl)oxirane and 2,4,6-tribromophenol (F-3020) Summary Report Reference No: LTD/1261

Marchem, Australasia Pty Ltd, (ABN 34 055 411 133) of 38-40 Cromer Ave, Sunshine North, VIC 3020 has submitted a limited notification statement in support of their application for an assessment certificate for Phenol, 4,4'-(1-methylethylidene)bis[2,6-dibromo-, polymer with (chloromethyl)oxirane and 2,4,6-tribromophenol (F-3020). The notified polymer is intended to be used as a flame retardant additive in polymer matrices in electrical applications. Up to 30 tonnes of the notified polymer will be imported per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

Based on the available data the notified polymer is not classified as hazardous under the NOHSC *Approved Criteria for Classifying Hazardous Substances*. The notified polymer and its theoretical potential breakdown products, tribromophenol (TBP) and tetrabromobisphenol A (TBBPA), are not considered to be potential Persistent Organic Pollutant (POP) chemicals.

Occupational Health and Safety

There is Low Concern to occupational health and safety under the conditions of the occupational settings described, based on the available information.

Public Health

There is No Significant Concern to public health when used in the proposed manner, based on the available information.

Environmental Effects

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

RECOMMENDATIONS

Regulatory Controls

Annual Reporting

- Given the current international action on brominated flame retardants, the holder of the certificate should report to NICNAS annually the amount of notified polymer introduced, any known adverse occupational health and safety, public health and environmental effects of the notified polymer and any new information regarding blooming potential.

AICS

- When the notified polymer is added to the Australian Inventory of Chemical Substances (AICS), it should be annotated with the following condition of use:
 - For use only as a flame retardant additive in polymer matrices in electrical applications.

Assessment of potential breakdown product

- The outcomes of this report should be reviewed when the NICNAS Priority Existing Chemical risk assessment for tetrabromobisphenol A (TBBPA) becomes available.

Control Measures

Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to the notified polymer during compounding and plastic recycling:
 - Operations should take place under local exhaust ventilation
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified polymer during compounding and plastic recycling:
 - Avoid skin and eye contact
 - Avoid breathing dust
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer during compounding and plastic recycling:
 - Coveralls
 - Impervious gloves
 - Eye protection
 - Suitable respiratory protection where adequate ventilation is not present

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

Environment

- The following control measures should be implemented by plastic manufactures to minimise environmental exposure during use of the notified polymer:
 - Ensure all process areas are bunded with all drains going to collection pits or on-site treatment plants.

Disposal

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

Emergency procedures

- Spills or accidental release of the notified polymer should be contained, collected and stored in a labelled, sealable container ready for disposal.

Secondary Notification

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

Under Section 64(1) of the Act;

- if any new information regarding blooming potential becomes available.

or

Under Section 64(2) of the Act:

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

The Director will then decide whether secondary notification is required. Under section 64 (2) of the Act, if the importation volume exceeds one hundred tonnes per annum, additional data will be required on the potential blooming (such as an aging test). In addition, if blooming is shown to be significant a higher tier longer term biodegradability study may be required, with the formation of the expected breakdown products of TBBPA and TBP measured.

21 PUBLICATION SUMMARY REPORT

Polymer in Acrylic Polymer 4245J Summary Report Reference No: LTD/1262

Orica Ltd (ABN 24 004 145 868) of 1970 Princes Highway, Clayton VIC 3168 has submitted a limited notification statement in support of their application for an assessment certificate for Polymer in Acrylic Polymer 4245J. The notified polymer is intended to be used as an additive in the manufacture of waterborne latex. Up to 100 tonnes of the notified polymer will be manufactured per annum for each of the first five years.

ASSESSMENT OF PUBLIC, OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL EFFECTS

Hazard Assessment

No toxicological data have been provided for the notified polymer and therefore the substance cannot be classified in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances*.

Occupational Health and Safety

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

Public Health

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

Environmental Effects

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

RECOMMENDATIONS

Control Measures

Occupational Health and Safety

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified polymer as introduced:
 - Avoid skin and eye contact

- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer as introduced:
 - 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 polymer are classified as hazardous to health in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances*, workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Environment

- The following control measures should be implemented by the manufacturer to minimise environmental exposure during manufacture of the notified polymer:
 - Handle only in sealed (eg cemented) areas which are bunded and with no access to storm drains or watercourses.

Disposal

- The notified polymer should be disposed of by release to landfill and incineration.

Emergency procedures

- Spills/release of the notified polymer should be handled by containment, and adsorption with material such as sand. Contaminated material (including sand) should then be collected, placed into sealable labelled container and disposed of to landfill. Do not allow notified polymer to enter drains or watercourses.

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.

22 PUBLICATION SUMMARY REPORT

**S186260
Summary Report
Reference No: LTD/1265**

Toxikos Pty Ltd (ABN 30 095 051 791) of 293 Waverley Road, Malvern East VIC 3145 has submitted a limited notification statement in support of their application for an assessment certificate for S186260. The notified chemical is intended to be used as a component of ink used in inkjet and colour laser printers at concentration < 5%. 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 is not classified as hazardous under the NOHSC *Approved Criteria for Classifying Hazardous Substances*.

Occupational Health and Safety

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

Public Health

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

Environmental Effects

On the basis of the PEC/PNEC ratio:

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

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

- No special precautions are required for the notified chemical when used at low quantities as a component of ink cartridges for printers. However, in the interests of good occupational health and safety, the following guidelines and precautions should be observed for use of printing inks containing the notified chemical:
 - Avoid contact with skin.
 - Printers should be located in well-ventilated areas.
 - Service personnel should wear cotton or disposable gloves when replenishing spent ink cartridges and servicing printers.

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

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

Disposal

- The notified chemical should be disposed of by authorised landfill.

Emergency procedures

- Spills or accidental release of the notified chemical should be handled by physical containment, preventing entry to drains, sewers and water courses. Collect using an inert absorbent material (vermiculite sand etc.). Rinse area with water preventing entry to drains, sewers and water courses and collect using an inert absorbent material.

Secondary Notification

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

Under Section 64(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.

23 PUBLICATION SUMMARY REPORT

**Polymer in AK0704P
Summary Report
Reference No: PLC/602**

The Valspar (Australia) Corporation Pty Limited (ABN 82 000 039 396) of 203 Power Street, Glendenning NSW 2761 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in AK0704P. The notified polymer is intended to be used as a component of surface coatings. Less than 3 tonnes of the notified polymer will be imported per annum for each of the first five years.

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

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

Occupational Health and Safety

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

Public Health

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

Environmental Effects

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

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

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

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

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

Environment

Disposal

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

Emergency procedures

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

Secondary Notification

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

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

24 PUBLICATION SUMMARY REPORT

**Polymer in Tegomer C-Si 2342
Summary Report
Reference No: PLC/606**

International Sales and Marketing Pty Ltd (ABN 36 467 259 314) of 262 Highett Road, Highett VIC 3190 and TFL Australia (ABN: 58 075 730 166) of 122-124 Errol Street, North Melbourne VIC 3051 have submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in Tegomer C-Si 2342. The notified polymer is intended to be used as a hydrophobising agent in leather treatment. It will be imported as the polymer or as a component of a formulation and distributed to industrial customers for use in leather treatment. Up to ten tonnes of the notified polymer will be imported per annum for each of the first five years.

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

The notified polymer meets the PLC criteria and can therefore be considered to be of low hazard. This is supported by the available toxicological data.

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 the notified polymer is used in the proposed manner.

Environmental Effects

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

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

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

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

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

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

Disposal

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

Emergency procedures

- Spills/release of the notified polymer should be handled by physical containment with subsequent adsorption (diatomaceous earth, vermiculite, sand etc) and disposal by authorised incineration or landfill.

Secondary Notification

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

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

25 PUBLICATION SUMMARY REPORT

**Polymer in Aqualoc LA-100
Summary Report
Reference No: PLC/627**

Degussa Construction Chemicals Australia Pty Ltd (ABN 46 000 450 288) of 11 Stanton Road Seven Hills, NSW 2147 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in AQUALOC LA-100. The notified polymer will be imported as a 30-60% aqueous solution and is intended to be used as a dispersing agent in the concrete industry. Up to 1000 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 was found to have low oral and dermal toxicity, to be slightly irritating to the skin and eyes, and to be non-mutagenic. The notified polymer also meets the PLC criteria and can therefore be considered to be of low hazard to health.

The notified polymer contains anionic functionalities, which may be toxic to algae.

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 handling of the notified polymer as introduced in the product Aqualoc LA-100:
 - Avoid skin and eye contact

- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer as introduced in the product Aqualoc LA-100:
 - 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 polymer are classified as hazardous to health in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances*, workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Environment

- Do not discharge into sewers or waterways. Process or wash down water should be sent to a waste treatment plant for processing.

Disposal

- The notified polymer should be disposed of by landfill.

Emergency procedures

- Spills or accidental release of the notified polymer should be handled by absorbing with dry inert filler (vermiculite, sand or soil), which can then be shovelled into appropriately labelled drums for disposal. Carefully dilute with water (fine spray or fog). Wash down area with excess water into a containment area or contain with inert filler for disposal.
- Spills in a contained area such as a bund can be removed by a commercial bulk liquid waste disposal organisation.

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.

26 PUBLICATION SUMMARY REPORT

**Polymer in Setalux 6805 AQ-25
Summary Report
Reference No: PLC/634**

Nuplex Industries (Aust.) Pty Ltd (ABN 25 000 045 572) of 49-61 Botany Road, Botany NSW 2019 and Akzo Nobel Car Refinishes Pty Ltd (ABN 26 087 571 882) of 269 Williamstown Road, Port Melbourne VIC 3207 have submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in Setalux 6805 AQ-25. The notified polymer is intended to be used as a component of paint used in the automotive industry. This paint will be applied by spraying cars in crash repair shops. Up to 530 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.

The notified polymer is, however, a high molecular weight, insoluble polymer and the inhalation of respirable particles of this class of polymer has been linked with irreversible lung damage. This lung damage has been attributed to 'lung overloading' and impaired clearance of the lungs, and was observed in animals exposed to high levels of toner particles.

Occupational Health and Safety

Manufacturing/Reformulation:

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

End-Use (Spray Application):

There is Low Concern to occupational health and safety if spray application is carried out with a high level of control.

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 other specific engineering controls, work practices or personal protective equipment are required for the safe use of the notified polymer itself during manufacture and reformulation, however, these should be selected on the basis of all ingredients in the formulation.
- Employers should implement the following engineering controls to minimise occupational exposure to the notified chemical in formulated paint products:
 - Spray application should be conducted in a down draft spray booth
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified polymer as introduced and in formulated paint products:
 - Avoid breathing aerosol
 - Use of paint containing the notified polymer should be accordance with the NOHSC *National Guidance Material for Spray Painting*.
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer in formulated paint products:
 - Suitable respirators during spray application

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

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

Disposal

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

Emergency procedures

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

Secondary Notification

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

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

27 PUBLICATION SUMMARY REPORT

**Polymer in MVA 1855
Summary Report
Reference No: PLC/637**

Degussa Construction Chemicals Australia Pty Ltd (ABN 46 000 450 288) of 3/14 Stanton Road SEVEN HILLS NSW 2147 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in MVA 1855. The notified polymer is intended to be used as a component of concrete mixture. Up to 40 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. An acute oral rat study conducted on an analogue polymer indicated a low acute toxicity ($LD_{50} > 2000$ mg/kg bw). No toxicological data are provided for the notified polymer.

Occupational Health and Safety

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

Public Health

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

Environmental Effects

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

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

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

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

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

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

Environment

Disposal

- The notified polymer should be disposed of by incineration or in hardened concrete to landfill.

Emergency procedures

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

Secondary Notification

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

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

28 PUBLICATION SUMMARY REPORT

**Polymer in Acronal AX 9056
Summary Report
Reference No: PLC/643**

BASF Australia Ltd (ABN 62 008 437 867) of 500 Princes Highway, Noble Park, Victoria, 3174 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in ACRONAL® AX 9056. The notified polymer is intended to be used as an acrylic binder in water-based architectural paints. Up to 3000 tonnes of the notified polymer will be manufactured 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 considered to pose no significant 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.

Environment

Disposal

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

Emergency procedures

- Spills and/or accidental release of the notified polymer should be handled by using absorbent material and dispose the absorbent material in accordance to regulation.

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.

29 PUBLICATION SUMMARY REPORT

**Polymer in 6682C
Summary Report
Reference No: PLC/650**

Lubrizol International, Inc (ABN 52 073 495 603) of 28 River Street, Silverwater NSW 2128 and Champion Technologies Pty Ltd (ABN 22 008 079 614) of Suite 1, 5 Brodie Hall Drive, Technology Park Bentley WA 6102 have submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in 6682C. The notified polymer is intended to be used as a pour point depressant in oil-field pipe lines. Up to 300 tonnes of the notified polymer will be imported per annum for each of the first five years.

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

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

Occupational Health and Safety

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

Public Health

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

Environmental Effects

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

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

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

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

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

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

Environment

Disposal

- The notified polymer should be disposed of by incineration.

Emergency procedures

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

Secondary Notification

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

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

30 PUBLICATION SUMMARY REPORT

**WE-7
Summary Report
Reference No: PLC/651**

Brother International (Aust.) Pty Ltd (ABN: 17 001 393 835) of 7 Khartoum 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 WE-7. The notified polymer is intended to be used as a component of printer/copier toner in purpose built sealed toner cartridges. Up to 4 tonnes of the notified polymer will be imported per annum for each of the first five years.

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

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

Occupational Health and Safety

The OHS risk presented by the notified polymer is expected to be low, based on the minimal exposure to workers and the low intrinsic hazard of the polymer.

Public Health

The risk to public health presented by the notified polymer is expected to be low due to its intrinsic low toxicity and low potential for exposure.

Environmental Effects

No ecotoxicological data were submitted. The notified polymer meets the PLC criteria and can therefore be considered to be of low hazard. The notified polymer has a high molecular weight and is therefore unlikely to cross biological membranes and bioconcentrate within aquatic organisms.

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 disposable gloves and ensure adequate ventilation is present when removing spent printer cartridges containing the notified polymer and during routine maintenance and repairs.

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

Environment

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

Disposal

- The notified chemical should be disposed in authorised landfill or be destroyed through authorised incineration.

Emergency procedures

- Spills/release of the notified chemical should be handled by collecting the cartridge intact and landfilled. Contain the spill and absorb with sawdust, sand or earth. Place used absorbent in suitable sealed containers and follow state or local regulation for the disposal of the waste.

Secondary Notification

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

Under subsection 64(1) of the Act; if

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

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.

31 PUBLICATION SUMMARY REPORT

**Polymer in Acusol OP-305
Summary Report
Reference No: SAPLC/48**

Rohm and Haas Australia Pty. Ltd. (ABN 29 004 513 188) of 4th Floor, 969 Burke Road, Camberwell, VIC. 3124 has submitted a polymer of low concern (PLC) notification statement in support of their application for a self-assessed assessment certificate for Polymer in Acusol OP-305. The notified polymer is intended to be used as an additive in household cleaners. Up to 5 tonnes of the notified polymer will be imported per annum for each of the first five years.

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

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

Occupational Health and Safety

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

Public Health

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

Environmental Effects

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

RECOMMENDATIONS*Control Measures*

Occupational Health and Safety

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

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

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

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

Environment

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

Disposal

- Spillages and container residues containing notified polymer should be disposed of to landfill, and/or liquid waste either treated on-site or collected by licensed waste contractors for treatment at authorised waste treatment plants.

Storage

- The following precautions should be taken by the importer and reformulators regarding storage of the notified polymer:
 - *Bunding*

Emergency procedures

- Spills or accidental release of the notified polymer should not be flushed into sewers or waterways. Spills should be taken up with absorbent material and disposed of to a licensed waste landfill site.

Secondary Notification

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

Under 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.

32 PUBLICATION SUMMARY REPORT

**Polymer in Joncryl LMV 7085
Summary Report
Reference No: SAPLC/49**

JohnsonDiversey Australia Pty Ltd (ABN 90 000 065 725) of 29 Chifley Street Smithfield NSW 2164 has submitted a polymer of low concern (PLC) notification statement in support of their application for a self-assessed assessment certificate for Polymer in Joncryl LMV 7085. The notified polymer is intended to be used as binder for printing inks used for corrugated boxes. Up to 40 tonnes of the notified polymer will be imported per annum for each of the first five years.

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

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

Occupational Health and Safety

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

Public Health

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

Environmental Effects

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

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

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

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

- Printing workers should wear disposable gloves and ensure adequate ventilation is present when handling containers with ink containing the notified polymer and during routine maintenance and repairs of the printing machinery.
- A copy of the MSDS should be easily accessible to employees.

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

Disposal

- The notified polymer should be disposed of to landfill or incineration
- Empty containers should be sent to local recycling or waste disposal facility

Emergency procedures

- Accidental, spills/release of the notified polymer should be handled by absorption with sand and putting into a suitable container for disposal. Contaminated containers can be re-used after cleaning

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.

33 PUBLICATION SUMMARY REPORT

**Eastman Carboxymethylcellulose Acetate Butyrate
Summary Report
Reference No: EX/88**

Eastman Chemical LTD (ABN: 40 003 039 405) of Level 8, 15 Talavera Road, North Ryde NSW 2113, has submitted a limited notification statement in support of their application for an assessment certificate for Eastman Carboxymethylcellulose Acetate Butyrate. The notified polymer is intended to be used in surface coating manufacture. Up to 20 tonnes of the notified polymer will be imported per annum for each of the first five years.

Since the assessment certificate has been granted for the above notified polymer, Multichem Pty Ltd (ACN: 006 115 886) of Suite 5, 400 High Street, KEW VIC 3101 has submitted a supplementary information statement in support of their application for extension of the original assessment certificate (No. 1646, LTD/1065) together with a written agreement of the holder of the original certificate, Eastman Chemical LTD.

The use and the total import volume of the notified polymer per annum for each of the first five years will be unchanged.

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

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

Occupational Health and Safety

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

Public Health

There is negligible concern to public health when used solely in industrial applications.

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**

- Spray application of the paint containing the notified polymer should be conducted in accordance with the NOHSC Spray Painting National Guidance Material.
- Avoid generation of dust clouds when handling the notified polymer.

- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer as introduced:
 - Dust mask with appropriate filter
 - Goggles
 - Gloves
 - Overalls

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

- Atmospheric monitoring should be conducted to measure workplace concentrations of total and respirable dust during handling of the notified polymer and ensure that these concentrations do not exceed the NOHSC exposure standard of 10 mg/m³ TWA, or the ACGIH value of 3 mg/m³ TWA for respirable dust.
- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances* workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

Environment

- Do not allow material to enter drains, sewers or watercourses.

Disposal

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

Emergency procedures

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

Secondary Notification

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

Under sub-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

34 ACCESS TO FULL PUBLIC REPORT

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

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

35 LOW VOLUME CATEGORY PERMITS

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

Table 1
Low Volume Category Permits

PERMIT NUMBER	COMPANY NAME	COMPANY POSTCODE	CHEMICAL OR TRADE NAME	HAZARDOUS SUBSTANCE	USE	DATE
720	International Flavours & Fragrances Aust Pty Ltd	3175	6-Nonen-1-ol, acetate, (6Z)-	ND	Component of fragrance oil	05/06/06

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

36 COMMERCIAL EVALUATION CATEGORY PERMIT

The permits listed in Table 2 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
661	Qenos Pty Ltd	3018	PRODIGY BMC-200-XT	Yes	4000 kg	Catalyst for polyethylene production	2 yrs
662	PPG Industries Australia Pty Limited	3168	POLYMER IN HC-91-8875	ND	3500 kg	Ingredient in automotive OEM coating	2 yrs
663	PPG Industries Australia Pty Limited	3168	POLYMER IN HC-58-1239	ND	800 kg	Ingredient in automotive OEM coating	2 yrs
664	PPG Industries Australia Pty Limited	3168	POLYMER IN AL-95-2805	ND	300 kg	Ingredient in automotive OEM coating	2 yrs

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

37 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
448	Arkema Pty Ltd	Polymer in Pebax 33 series	Polymer for plastic moulding & adhesive
449	Nuplex Industries (Aust) Pty Ltd	Polymer in Setalux 6756 AQ-40	Surface coating for timber substances
450	DuPont (Australia) Ltd	DuPont ETPV	Thermoplastic moulding of high compression parts for general machinery & automobiles
451	Arkema Pty Ltd	Polymer in Rilson	Component of coating for pipes carrying potable water

38 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, 3-(oxiranylmethoxy)propyl group terminated, polymers with polyethylene-polypropylene glycol bis(2-aminopropyl)ether, acetates (salts)	177771-32-3	Unspecified
2-chloro-6-methyl-3-aminophenol, hydrochloride	80419-48-3	C ₇ H ₈ ClNO.C1H
Alcohols, C12-15 ethoxylate, sulfonate, sodium salt	121546-77-8	Unspecified
2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymers with Bu acrylate, gamma-omega-perfluoro-C8-14-alkyl acrylate and polyethylene glycol monomethacrylate, 2,2'-azobis[2,4-dimethylpentanenitrile]-initiated	150135-57-2	Unspecified
2-Oxetanone, 3-(C14-16 and C16-unsatd. alkyl) 4-(C15-17 and C17-unsatd.alkylidene) derivs.	201490-14-4	Unspecified
12H-Dibenzo[d,g][1,3,2]dioxaphosphocin, 2,4,8,10-tetrakis(1,1-dimethylethyl)-6-hydroxy-, 6-oxide, sodium salt	85209-91-2	C ₂₉ H ₄₃ O ₄ P.Na
hexanedioic acid, polymer with 1,1'-methylenebis[isocyanatobenzene], and 2,2'-oxybis[ethanol]	39466-00-7	(C ₁₅ H ₁₀ N ₂ O ₂ .C ₆ H ₁₀ O ₄ .C ₄ H ₁₀ O ₃) _x
Hexanedioic acid, polymer with 1,2-ethanediol, 2-ethyl-2-(hydroxymethyl)-1,3-propanediol, 1,1'-methylenebis[4-isocyanatobenzene] and 2,2'-oxybis[ethanol]	145332-35-0	(C ₁₅ H ₁₀ N ₂ O ₂ .C ₆ H ₁₄ O ₃ .C ₆ H ₁₀ O ₄ .C ₄ H ₁₀ O ₃ .C ₂ H ₆ O ₂) _x
2-Propenoic acid, 2-methyl-, 3-chloro-2-hydroxypropyl ester, polymers with N-(1,1-dimethyl-3-oxobutyl)-2-propenamamide, 2-ethylhexyl acrylate, .gamma.-.omega.-perfluro-C8-16-alkyl acrylate, stearyl acrylate and vinyl chloride, 2,2'-azobis[2-methylpropanimidamide] dihydrochloride-initiated	325966-78-7	Unspecified

Hexanedioic acid, polymer with alpha-hydro-omega-hydroxypoly[oxy(methyl-1,2-ethanediyl)], 1,1'-methylenebis[isocyanatobenzene], and 2,2'-oxybis[ethanol]	885517-97-5	$(C_{15}H_{10}N_2O_2.C_6H_{10}O_4.C_4H_{10}O_3.(C_3H_6O)_nH_2O)_x$
2,7-Naphthalenedisulfonic acid, 5-(benzoylamino)-4-hydroxy-3-[(8-sulfo-1-naphthalenyl)azo]-, monosodium salt	885053-32-7	$C_{27}H_{19}N_3O_{11}S_3.Na$
2-Propenoic acid, 2-methyl-, polymer with ethyl 2-methyl-2-propenoate and methyl 2-methyl-2-propenoate, ammonium salt	132176-80-8	$(C_6H_{10}O_2.C_5H_8O_2.C_4H_6O_2)_x . xH_3N$
Protein hydrolyzates, [3-[dimethyl(3-wheat germ-oil amidopropyl)ammonio]-2-hydroxypropyl], inner salts	865484-46-4	Unspecified
Poly(oxy-1,2-ethanediyl), .alpha., .alpha.', .alpha.'', .alpha.''''-[[[4-(dimethylamino)phenyl]methylumdiyl]bis(4,1-phenylenitrilodi-2,1-ethanediyl)]tetrakis[.omega.-hydroxy-, sulfate (2:1)]	126324-39-8	$(C_2H_4O)_n$ $(C_2H_4O)_n$ $(C_2H_4O)_n$ $(C_2H_4O)_n$ $C_{29}H_{38}N_3O_4.1/2O_4S$
2-Propenoic acid, polymer with 2-methyl-2-[(1-oxo-2-propenyl)amino]-1-propanesulfonic acid, ammonium salt	236393-53-6	$(C_7H_{13}NO_4S.C_3H_4O_2)_x.xH_3N$
2-Propenoic acid, 2-methyl-, methyl ester, polymer with butyl 2-propenoate, (1-methylethenyl)benzene and 2-propenoic acid, ammonium salt	885517-78-2	$(C_9H_{10}.C_7H_{12}O_2.C_5H_8O_2.C_3H_4O_2)_x.xH_3N$
Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-hydro-.omega.-hydroxy-, ether with 2,2-bis(hydroxymethyl)-1,3-propanediol (4:1), 2-propenoate, reaction products with 1,6-diisocyanatohexane and .alpha.-hydro-.omega.-hydroxypoly(oxy-1,2-ethanediyl)	887777-78-8	Unspecified
1,3-Benzenedicarboxylic acid, polymer with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol, hexanedioic acid, 1,3-isobenzofurandione and 2-methyl-1,3-propanediol	887778-45-2	$(C_8H_6O_4.C_8H_4O_3.C_6H_{14}O_3.C_6H_{10}O_4.C_4H_{10}O_2)_x$
1-Propanamine, 3-(trimethoxysilyl)-N-[3-(trimethoxysilyl)propyl]-, polymer with 1,6-diisocyanatohexane, .alpha.-hydro-.omega.-hydroxypoly[oxy(methyl-1,2-ethanediyl)], 1,1'-methylenebis[4-isocyanatobenzene], methyloxirane, methyloxirane polymer with oxirane ether with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol (3:1), and oxirane	887920-36-7	$C_{15}H_{10}N_2O_2.C_{12}H_{31}NO_6Si_2.C_8H_{12}N_2O_2.C_6H_{14}O_3.(C_3H_6O)_nH_2O.3(C_3H_6O.C_2H_4O)_x.(C_3H_6O.C_2H_4O)_x$

<p>Propanoic acid, 3-hydroxy-2-(hydroxymethyl)-2-methyl-, polymer with N-(2-aminoethyl)-1,2-ethanediamine, 2,2-dimethyl-1,3-propanediol, diphenyl carbonate, 1,2-ethanediamine, 1,6-hexanediol, 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethylcyclohexane, 1,1'-methylenebis[4-isocyanatocyclohexane] and methyloxiranepolymer with oxirane butyl ether, compd. with N,N-diethylethanamine</p>	<p>888010-14-8</p>	<p>$(C_{15}H_{22}N_2O_2 \cdot C_{13}H_{10}O_3 \cdot C_{12}H_{18}N_2O_2 \cdot C_6H_{14}O_2 \cdot C_5H_{12}O_2 \cdot C_5H_{10}O_4 \cdot C_4H_3N_3 \cdot C_4H_{10}O \cdot (C_3H_6O \cdot C_2H_4O)_x \cdot C_2H_8N_2)_x \cdot x C_6H_{15}N$</p>
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39 NOTICE OF CHEMICALS ELIGIBLE FOR IMMEDIATE LISTING ON THE AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES AFTER ISSUING OF ASSESSMENT CERTIFICATES

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

Table 5

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

CHEMICAL NAME	CAS NUMBER	MOLECULAR FORMULA
Castor oil, monomaleate	241153-84-4	Unspecified