



Australian Government

*Gazette*

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**Australian Government**

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**Department of Health and Ageing**  
**NICNAS**

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

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## **1 REVISED ARRANGEMENTS FOR ASSESSMENT OF NEW UV FILTERS USED IN COSMETICS – A REMINDER**

The purpose of this notice is to draw the attention of companies interested in introducing new ultraviolet (UV) filters for cosmetic use that the arrangements for notification of these chemicals have been changed.

Interested parties are referred to the chemical Gazette Notice 2 January 2007, which outlines the current arrangements for new UV filters.

## 2 WORKSHOPS ON COSMETICS REGULATION IN AUSTRALIA

Sydney, Tuesday **27 February 2007** – fully booked

Melbourne, Wednesday **14 March 2007**

**\*NEW – Sydney Friday 16 March 2007\***

Learn first-hand how cosmetic products are now regulated in Australia

Cosmetic reforms are expected to be passed into law during 2007. These reforms have implications for most personal care products with specific immediate application to: antibacterial skin cleansers, moisturizers with secondary sunscreens SPF 4 to 15, primary sunscreens SPF <4, anti-acne products, antiperspirants, antidandruff shampoos.

This is your opportunity to learn what will this mean and how to prepare yourself for the expected changes and opportunities.

The workshops will cover areas such as making a notification and assessment, cosmetic interim applications and compliance requirements including preparing yourself for a NICNAS audit.

The Workshop Registration Form can be found at [http://www.nicnas.gov.au/Industry/New\\_Chemicals/Workshops/ACCORD-NICNAS\\_cosmetic\\_training\\_PDF.pdf](http://www.nicnas.gov.au/Industry/New_Chemicals/Workshops/ACCORD-NICNAS_cosmetic_training_PDF.pdf). Each venue is limited to 25 participants to maximise your learning opportunity, so register early to secure a place.

Registration closes:

Sydney, Tuesday, *20 February 2007* – fully booked

Melbourne, Wednesday, *7 March 2007*

**\*Sydney (New Session), *9 March 2007*\***

The first Sydney sessions are now fully booked, but an additional session in Sydney will be held on Friday 16 March 2007.

Depending on the numbers we may organize more training sessions in other States. If you are interested but unable to register in the above sessions please e-mail us at NICNAS on [industrytraining@nicnas.gov.au](mailto:industrytraining@nicnas.gov.au).

We look forward to seeing you at these important workshops.

### **3 NOTICE OF INTRODUCTION OF A PILOT STUDY ON NEW CHEMICALS SCREENING FRAMEWORK AND REFUND POLICY COMMENCEMENT DATE – 6 FEBRUARY 2007**

#### *Background*

At the 22<sup>nd</sup> IGCC meeting (May 2005) NICNAS undertook to establish a NICNAS/industry focus group to review its new chemicals operations and discuss a new screening framework to ensure an effective and efficient delivery of its functions relating to new LRCC fast tracked assessments.

The industry focus group is comprised of representatives from ACCORD Australasia and Plastics and Chemicals Industries Association. Industry representatives were also invited to a workshop (March 2006) convened by the NICNAS/industry focus group to discuss the screening proposal.

On 13 December 2006, the industry focus group supported the introduction of a pilot phase of the screening framework and the proposed refund policy intended to provide certainty and clarity for industry. This pilot stage will be subject to review after an appropriate period of time or significant number of assessments to enable the identification of issues relevant to screening. This is expected to be within 6 to 12 months of commencement.

#### **PILOT SCREENING PROCEDURES**

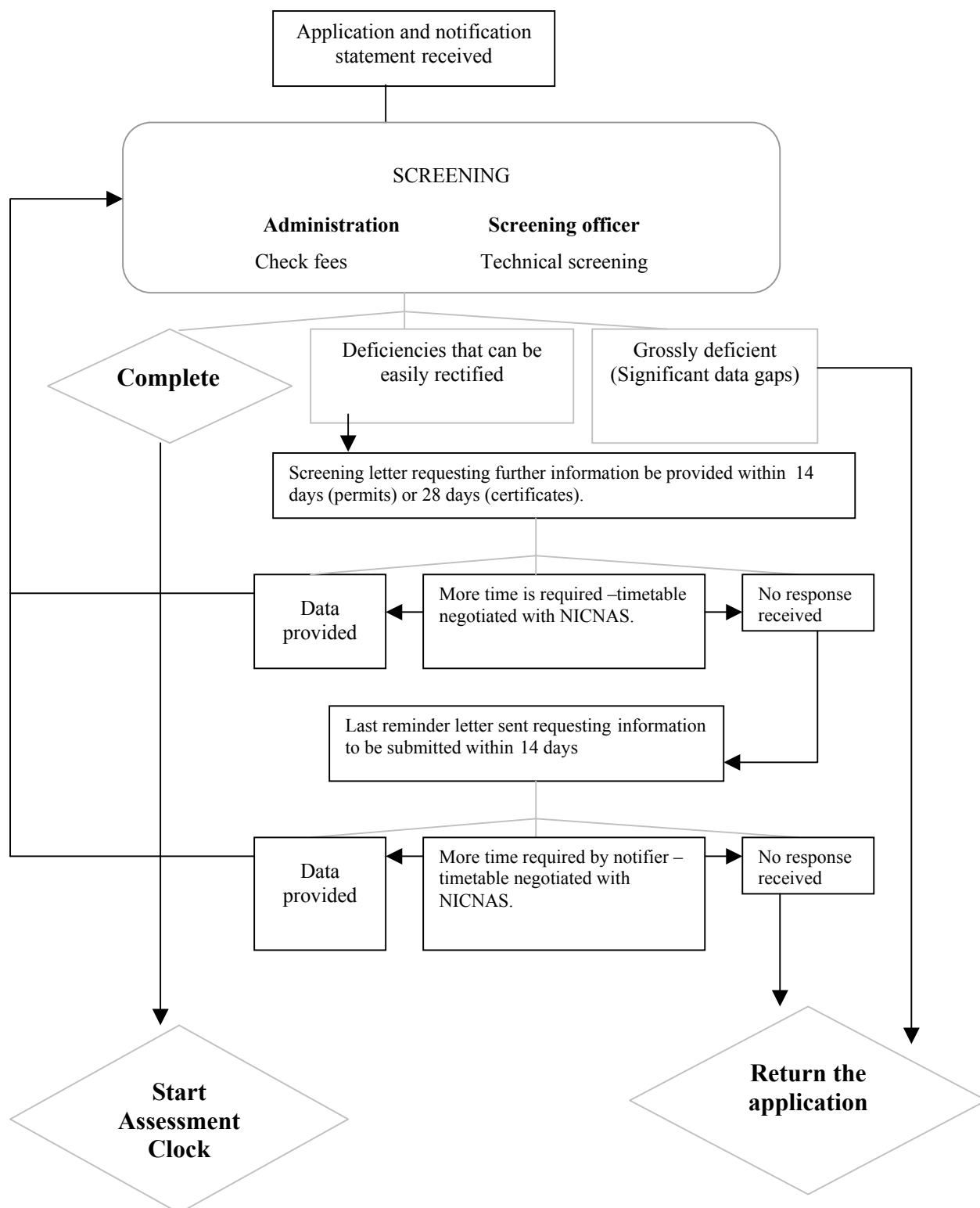
Under the proposed enhanced screening framework, NICNAS will assess the quality of the application and specify the timeframe within which the applicant must address any data gaps. Following administrative and technical screening, the application will be determined by the assessor as being either complete (ie assessment clock can start), incomplete (outstanding data that can be easily rectified- assessment clock may start), or substantially deficient. The timeframe specified for addressing the outstanding matters identified from screening in the case of incomplete applications is 14 days (permits) or 28 days (certificates).

Where the outstanding matters cannot be resolved within 14 or 28 days, the notifier also has the option of submitting a timetable for addressing the outstanding matters. The new screening framework allows NICNAS to return both grossly deficient submissions or submissions where the notifier does not respond to NICNAS screening requests.

#### *Proposed screening fee/refund policy*

Details of the pilot screening fee/refund policy are included below. The new procedures also lay out a clear and transparent refund structure where an application is withdrawn or returned prior to the assessment being completed, and is based on the stage of the assessment at the time of withdrawal/rejection of the application.

## Pilot screening framework:



### Pilot Refund Policy

	<b>Scenario</b>	<b>Status of application</b>	<b>Refund estimation</b>
<b>Scenario 1</b>	Application received and processed- no technical screening	Withdrawn	Refund 90% of fees
<b>Scenario 2</b>	Application received and technical screening completed	Withdrawn /Returned	Refund 70% of assessment fee for non self assessed certificates (eg STD/LTD/PLC)  Refund 85% of assessment fee for self assessed certificates and permits (eg SAPLC/SANHP/CEC/LVC/EOP)
<b>Scenario 3</b>	Application received and preliminary screening shows it is an existing chemical	Rejected	Refund all (minus \$65 AICS search cost)
<b>Scenario 4</b>	Assessment already started	Withdrawn/Returned	Depending on stage of assessment eg STD withdrawn at day 45 (clock on)= 65%
<b>Scenario 5</b>	Assessment completed- Day 90 report completed	Withdrawn	No refund
<b>Scenario 6</b>	EIP submitted	EIP rejected	No refund

#### **4 REMOVAL OF FLAME RETARDANT CHEMICAL, OCTABROMODIPHENYL ETHER FROM THE AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES**

Octabromodiphenyl ether (CAS No.32536-52-0) was declared a Priority Existing Chemical (PEC) on 3 January 2006 for a full risk assessment. While octabromodiphenyl ether has been a Priority Existing Chemical (PEC) for 12 months applications for assessment have not been received. This indicates that this chemical is not imported into or manufactured in Australia. Therefore, as per section 63 of the *Industrial Chemicals (Notification and Assessment) Act 1989* (the Act) the Director, NICNAS, has removed octabromodiphenyl ether from the Australian Inventory of Chemical Substances (AICS).

Manufacture and importation is not permitted under the NICNAS exemption categories except as laboratory standards for analytical determination consistent with section 21 (6) (a) of the Act. Persons importing octabromodiphenyl ether for analytical purposes must comply with annual reporting obligations as required under the Act.

For further information or assistance please contact Dr Kerry Nugent (ph (02) 8577 8861 or fax (02) 8577 8888 or email: [kerry.nugent@nicnas.gov.au](mailto:kerry.nugent@nicnas.gov.au) .

## 5 PUBLICATION SUMMARY REPORT

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### Epoxy Polymer in F3118 Summary Report Reference No: LTD/1235

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PPG Industries Australia Pty Ltd (ABN:82 055 500 939) of McNaughton Road, Clayton, VIC, 3168 has submitted a limited notification statement in support of their application for an assessment certificate for Epoxy polymer in F3118. The notified polymer is intended to be used as a component of automotive spray coatings for use in car repair shops across Australia. Less than one tonne of the notified polymer will be imported per annum for each of the first five years.

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

##### Hazard Assessment

No toxicological data was available and therefore it is not possible to classify the notified chemical as a hazardous substance in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances* (NOHSC, 2004). However, the notified polymer contains epoxide functional groups and based on data available for this chemical category may be irritating, cause sensitization and have long term adverse health effects.

##### Occupational Health and Safety

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

##### 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

##### *Regulatory Controls*

###### Health Surveillance

- As the notified polymer is of a chemical class with known sensitising properties, employers should carry out health surveillance for any worker who has been identified in the workplace risk assessment as having a significant risk of sensitisation.

##### *Control Measures*

###### Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to the notified chemical in formulated coating 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 coating products:
  - Avoid skin and eye contact
  - Avoid breathing aerosol
  - Use of coatings containing the notified polymer should be accordance with the NOHSC National Guidance Material for Spray Painting (NOHSC, 1999)
  - Avoid skin contact with uncured coating when removing personal protective equipment.
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer in formulated coating products:
  - Impermeable gloves;
  - Coveralls;
  - Eye protection:
  - 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 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

- Contamination of drains and waterways should be avoided by containing and absorbing spills with sand or earth. The waste can then be collected and sealed in appropriately labelled drums 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 notified polymer is introduced at a concentration > 5%

- if the person who introduces the notified polymer into Australia becomes aware that the percentage of low molecular weight species ( $< 1000$ ) in the polymer is  $> 20\%$

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

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### Polymer in Fireguard Plus Summary Report Reference No: LTD/1274

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Duromer Products Pty Ltd (ABN 64 001 125 088) of 16 Leeds Street, Rhodes NSW, has submitted a limited notification statement in support of their application for an assessment certificate for “Polymer in Fireguard Plus”. The notified polymer is intended to be used as a flame retardant in formulations of resin systems in NSW. The resin systems will be used in the manufacture of plastic articles (mainly plastic pipes). Less than 100 tonnes of the notified polymer will be imported per annum for each of the first five years.

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

##### Hazard Assessment

Based on the available data the notified polymer cannot be classified under the NOHSC *Approved Criteria for Classifying Hazardous Substances*.

##### Occupational Health and Safety

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

##### Public Health

There is Negligible Concern to public health when the notified polymer is used as a component of plastic articles.

##### Environmental Effects

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

#### RECOMMENDATIONS

##### *Control Measures*

##### Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to powders containing the notified polymer during handling:
  - *Adequate general ventilation and local exhaust ventilation at sites where powders are handled.*
- Employers should implement the following safe work practices to minimise occupational exposure during the handling of powders containing the notified polymer:
  - *Avoid the formation of airborne dusts*

- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to powders containing the notified polymer:
  - *safety glasses, gloves and overalls*
  - *dust mask (adequate for respirable dusts)*
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to plastic pellets or articles containing the notified polymer:
  - *gloves and overalls*

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

- Wastes of the notified polymer should be disposed of to landfill.

#### Emergency procedures

- Spills/release of powders containing the notified polymer should be collected by vacuum and bagged or placed in a sealed container.
- Spills/release of plastic pellets containing the notified polymer should be collected with a broom and bagged.

#### Secondary Notification

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

Under Section 64(1) of the Act; if

- The polymer has a number-average molecular weight of less than 1000.
- Toxicological data for the notified polymer becomes available to the notifier.

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

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### BS-1 Summary Report Reference No: LTD/1293

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Canon Australia Pty Ltd (ABN: 66 005 002 951) of 1 Thomas Holt Drive North Ryde NSW 2113 has submitted a limited notification statement in support of their application for an assessment certificate for BS-1. The notified chemical is intended to be used as a component of ink in ink jet cartridges. 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**

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

#### **RECOMMENDATIONS**

##### *Regulatory Controls*

##### Occupational Health and Safety

- Workers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical itself:
  - Avoid contact with eyes and skin.
- Service personnel should wear cotton or disposable gloves and ensure adequate ventilation is present when removing spent printer cartridges containing the notified chemical and during routine maintenance and repairs.
- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified chemical are classified as hazardous to health in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances*, workplace practices and control procedures

consistent with provisions of State and Territory hazardous substances legislation must be in operation.

#### Disposal

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

#### Emergency procedures

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

#### **Secondary Notification**

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

Under Section 64(1) of the Act; if

- the importation volume exceeds one tonne per annum notified chemical

or

Under Section 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

## 8 PUBLICATION SUMMARY REPORT

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### Quinone Methide in IRGASTAB® UV 22 Summary Report Reference No: STD/1295

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Ciba Specialty Chemicals Pty Ltd (ABN 97 005 061 469) of 235 Settlement Road, Thomastown VIC 3074 has submitted a limited notification statement in support of their application for an assessment certificate for Quinone Methide in IRGASTAB® UV 22. The notified chemical is intended to be used as a stabiliser for UV curable inks and varnishes. Less than 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 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 High Concern to occupational health and safety under the conditions of the occupational settings described.

##### Public Health

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

##### Environmental Effects

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

#### RECOMMENDATIONS

##### *Regulatory Controls*

##### Hazard Classification and Labelling

- The 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
- Use the following risk phrases for products/mixtures containing the notified chemical:
  - > 1%: R43: May cause sensitisation by skin contact

### *Control Measures*

#### Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to the notified chemical as introduced:
  - Pumps and lines which limit the release of the imported formulation should be considered for use in transfers to mixers.
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical as introduced:
  - Impervious gloves, overalls and face shield or chemical safety goggles.

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

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

#### Environment

#### Disposal

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

#### Emergency procedures

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

### **Secondary Notification**

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

Under Section 64(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.

## 9 PUBLICATION SUMMARY REPORT

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### DLA Summary Report Reference No: STD/1212

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Mobil Oil Australia Pty Ltd (ABN 88 004 052 984) of 12 Riverside Quay, Southbank Vic 3006 has submitted a standard notification statement in support of their application for an assessment certificate for DLA. The notified chemical is intended to be used as a thickener agent (< 5.0 % (w/w)) used in lubricating grease for industrial and automotive applications. Up to 3 tonnes of the notified chemical will be imported per annum for each of the first five years.

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

##### Hazard Assessment

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

Xn: Harmful  
R22: Harmful if swallowed  
Xi: Irritant  
R36: Irritating 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 proposed manner.

##### Environmental Effects

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

#### RECOMMENDATIONS

##### *Regulatory Controls*

##### Hazard Classification and Labelling

- The Office of the ASCC, Department of Employment and Workplace Relations (DEWR), should consider the following health hazard classification for the notified chemical:
  - Xn: Harmful
  - R22: Harmful if swallowed
  - Xi: Irritant

- R36: Irritating to eyes
- The following safety phrases for the notified chemical are recommended:
  - S25: Avoid contact with eyes
  - S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- Use the following risk phrases for products/mixtures containing the notified chemical:
  - 25%  $\leq$  concentration: R22
  - 20%  $\leq$  concentration: R36

### *Control Measures*

#### Occupational Health and Safety

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical in the grease product:
  - Avoid contact with skin and eyes
  - Wash eye promptly if exposed
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical in the grease product:
  - Suitable protective clothing
  - Eye/face protection
  - Suitable 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.

#### Environment

#### Disposal

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

#### Emergency procedures

Spills or accidental release of the notified chemical should be handled by physical collection and recycled or re-used to the extent practicable. If the spill is to water, stop leak if safe to do so, confine spill using boom and skim from water's surface.

### **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 chemical is included in grease at concentrations  $\geq 5\%$

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.

**10 PUBLICATION SUMMARY REPORT**

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**DGL  
Summary Report  
Reference No: STD/1213**

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Mobil Oil Australia Pty Ltd (ABN 88 004 052 984) of 12 Riverside Quay, Southbank Vic 3006 has submitted a standard notification statement in support of their application for an assessment certificate for DLG. The notified chemical is intended to be used as a thickener agent (< 1 % (w/w)) used in lubricating grease for industrial and automotive applications. Up to 3 tonnes of the notified chemical will be imported per annum for each of the first five years.

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

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

Xn: Harmful  
R22: Harmful if swallowed  
Xi: Irritant  
R36: Irritating 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 proposed manner.

**Environmental Effects**

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

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

- The Office of the ASCC, Department of Employment and Workplace Relations (DEWR), should consider the following health hazard classification for the notified chemical:
  - Xn: Harmful
  - R22: Harmful if swallowed
  - Xi: Irritant

- R36: Irritating to eyes
- The following safety phrases for the notified chemical are recommended:
  - S25: Avoid contact with eyes
  - S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- Use the following risk phrases for products/mixtures containing the notified chemical:
  - 25%  $\leq$  concentration: R22
  - 20%  $\leq$  concentration: R36

#### *Control Measures*

##### Occupational Health and Safety

- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical in the grease product:
  - Avoid contact with skin and eyes
  - Wash eye promptly if exposed
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical in the grease product:
  - Suitable protective clothing
  - Eye/face protection
  - Suitable 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.

##### Environment

##### Disposal

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

##### Emergency procedures

- Spills or accidental release of the notified chemical should be handled by physical collection and recycled or re-used to the extent practicable. If the spill is to water, stop leak if safe to do so, confine spill using boom and skim from water's surface.

### **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 chemical is included in grease at concentrations  $\geq 5\%$

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.

## 11 PUBLICATION SUMMARY REPORT

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### Levafix Blue CA Summary Report Reference No: STD/1216

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Dychem Industries Pty Ltd (ABN 76 055 025 879) of 60-62 Kylta Road West Heidelberg, Victoria 3081 has submitted a standard notification statement in support of their application for an assessment certificate for Levafix Blue CA. The notified chemical is intended to be used as a textile dye at dyehouses in Victoria. Up to 3 tonnes of the notified chemical will be imported per annum for each of the first five years.

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

##### Hazard Assessment

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

It is noted that the notified chemical is a reactive dye, and although skin sensitisation effects were not observed in guinea pigs, respiratory sensitisation cannot be ruled out. In addition, the notified chemical contains a vinyl sulfone group and a  $\beta$ -sulfatoethyl-sulfonyl group (which can generate a vinyl sulfone group under certain conditions). Based on the mutagenicity of vinyl sulfone and methylvinyl sulfone, chemicals containing vinyl sulfone groups and their precursors are considered to carry a risk of mutagenicity and carcinogenicity when inhaled or ingested.

##### Occupational Health and Safety

There is low concern to occupational health and safety under the conditions of the occupational settings described, due to the negligible inhalation and ingestion exposure expected during use.

##### Public Health

There is no significant concern to public health when used as a textile dye 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 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.

#### 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/m<sup>3</sup>

#### 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. Soak up spills of diluted solution 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 notified chemical is imported as a powder with inhalable (MMAD < 100 µm) and/or respirable (MMAD < 10 µm) particle sizes; or
- the notified chemical is used in a spray application which is no longer enclosed;

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.

## 12 PUBLICATION SUMMARY REPORT

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### Sumilizer GS Summary Report Reference No: STD/1221

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Sumitomo Chemical Australia Pty Ltd (ABN: 21 081 096 255) of 501 Victoria Avenue, Chatswood, NSW, 2067 has submitted a standard notification statement in support of their application for an assessment certificate for Sumilizer GS. The notified chemical is intended to be used as an additive (at a maximum of 1%) for plastics/resins. Up to 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 under the public settings described.

##### **Environmental Effects**

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

#### **RECOMMENDATIONS**

##### *Control Measures*

##### Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to the notified chemical as introduced or where dust is generated:
  - Local exhaust ventilation
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical 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 chemical as introduced:
  - Gloves

- Safety goggles
- Coveralls
- Dust masks

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

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

#### Disposal

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

#### Emergency procedures

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

#### **Secondary Notification**

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

Under Section 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

No additional secondary notification conditions are stipulated.

**13 PUBLICATION SUMMARY REPORT**

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**Z-70  
Summary Report  
Reference No: STD/1223**

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Lubrizol International, Inc.(ABN: 52 073 495 603) of 28 River St. has submitted a standard notification statement in support of their application for an assessment certificate for Z-70. The notified chemical is intended to be used as a lubricant additive for use in automotive transmission fluids. 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 a hazardous substance in accordance with the NOHSC *Approved Criteria for Classifying Hazardous Substances* (NOHSC 2004). The following risk and safety phrases apply to the chemical:

R38 Irritating to the skin (cut-off for classification  $\geq 20\%$ )

R43 May cause sensitisation by skin contact (cut-off for classification  $\geq 1\%$ )

**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 following the recommended safety instructions on the labels of the products available to the public.

**Environmental Effects**

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

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

- The Office of the ASCC, Department of Employment and Workplace Relations (DEWR), should consider the following [health, environmental and physico-chemical] hazard classification for the notified chemical:
  - R38 Irritating to the skin
  - R43 May cause sensitisation by skin contact
  
  - S24/25 Avoid contact with skin and eyes
  - S37 Wear suitable gloves

- Use the following risk phrases for products/mixtures containing the notified chemical:
  - Conc  $\geq$  1% R43 May cause sensitisation by skin contact
  - Conc  $\geq$  20% R38 Irritating to skin
- The National Drugs and Poisons Scheduling Committee (NDPSC) should consider the notified chemical for listing on the SUSDP.
- Products containing  $\geq$ 1% notified chemical and available to the public must carry the following safety directions on the label:
  - May cause sensitisation

#### Health Surveillance

- As the notified chemical is a 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 skin sensitisation.

#### *Control Measures*

##### Occupational Health and Safety

- Employers should implement the following isolation and engineering controls to minimise occupational exposure to the notified chemical during formulation for in finished products:
  - Couplings should be employed for transfers between storage and blending tanks and blending tanks should be fully enclosed.
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical during formulation and use of finished products:
  - spillage should be avoided
  - spillage should be cleaned up using appropriate absorbents and placed into containers for disposal
  - contact with skin should be avoided
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical during formulation and use of finished products:
  - nitrile or neoprene gloves
  - chemical impervious clothing
  - safety glasses or face shield

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 notifier to minimise public exposure to the notified chemical:
  - Products available to the public should contain the following warning statement: Wear gloves when using, may cause allergic skin reaction.

#### 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 notified chemical in consumer products has changed, or is likely to change significantly.

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.

## 14 PUBLICATION SUMMARY REPORT

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### Dristemp Polymer Summary Report Reference No: PLC/667

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Chevron Phillips Chemicals Australia Pty Ltd (ABN 29 107 015 896) of Suite 409, 685 Burke Rd, Camberwell, VIC, 3124 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Dristemp Polymer. The notified polymer is intended to be used as a drilling mud additive at both onshore and offshore drilling sites. Up to 100 tonnes of the notified polymer will be imported per annum for each of the first five years.

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

##### Hazard Assessment

The notified polymer 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

- All sites and processes in which the notified polymer is used must comply with the State and Territory requirements.

#### Disposal

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

#### Emergency procedures

- Spills and/or accidental release of the notified polymer should be handled by physical containment and collecting by shovelling, sweeping or using an industrial vacuum cleaner. Avoid creating dust by moistening the spilled material. Prevent spills from contaminating soil surface water or groundwater. Collect for disposal.

#### **Secondary Notification**

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

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

## 15 PUBLICATION SUMMARY REPORT

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**LEXAN DM2415/C891182**

**Summary Report**

**Reference No: PLC/670**

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General Electric Plastics (Australia) Pty Ltd (ABN 92 005 837 454) of 175 Hammond Road, Dandenong VIC 3175 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for LEXAN DMX2415 / C891182. The notified polymer is intended to be used in production of moulded or extruded articles, sheets or as a component of other industrial products. 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**

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.

The notified polymer however has a high molecular weight and limited solubility, and the inhalation of respirable particles of this class of polymers has been linked with lung overloading

#### **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.

- The level of atmospheric nuisance dust should be maintained as low as possible. The NOHSC exposure standard for atmospheric dust is 10 mg/m<sup>3</sup>.

- 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 reused or recycled but otherwise can be disposed of to landfill or by incineration, if available.

#### Emergency procedures

- Spills and/or accidental release of the notified polymer should be handled by containment, collection by sweeping and then placed in a sealable container ready for washing and reuse, if possible, otherwise disposed of to landfill.

#### **Secondary Notification**

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

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

## 16 PUBLICATION SUMMARY REPORT

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### Polymer in Setalux 1157 XS-54 Summary Report Reference No: PLC/673

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Nuplex Industries (Australia) Pty Ltd (ABN 25 000 045 572) of 49-61 Stephen Rd, Botany NSW and Akzo Nobel Car Refinishes Pty Ltd (ABN 26 087 571 882) of 269 Williamstown Rd, Port Melbourne VIC have submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for "Polymer in Setalux 1157 XS-54". The notified polymer is intended to be used as a component of solvent-based paint and paint-related products for automotive applications. 10-50 tonnes of the notified polymer will be imported per annum for each of the first five years.

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

#### Occupational Health and Safety

The notified polymer does not pose a significant risk to occupational health and safety under the conditions of the occupational settings described.

#### Public Health

There is no significant risk to public health when used in the proposed manner.

#### Environmental Effects

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

### RECOMMENDATIONS

#### *Control Measures*

##### Occupational Health and Safety

- During spray application of the notified polymer, the following personal protective equipment (PPE) should be worn:
  - *Respiratory protection, such as an activated carbon mask or full-face respirator,*
  - *Safety goggles, latex gloves, boots and overalls.*
- Workers directly involved in the manufacturing of the notified polymer should wear the following PPE:
  - *Safety goggles, latex gloves, boots and overalls*
- Adequate local and general ventilation should be applied wherever:
  - *Open containers of paints containing the notified polymer are handled.*
  - *Spray or other method of application of products containing the notified polymer is carried out.*
  - *Painted surfaces are dried.*

- *The notified polymer is manufactured, or handled.*

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 after curing.

#### 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.

## 17 PUBLICATION SUMMARY REPORT

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### Polymer in MVA 2424 L/50% and MVA 2424 L/50% N.D. Summary Report Reference No: PLC/676

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BASF Construction Chemicals Australia Pty Ltd (ABN 46 000 450 288) of 11 Stanton Rd, Seven Hills NSW has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for “Polymer in MVA 2424 L/50% and MVA 2424 L/50% N.D.”. The notified polymer is intended to be used as an ingredient of concrete admixture formulations, which will be used in concrete production Australia-wide. Up to 30 tonnes of the notified polymer will be imported per annum for each of the first five years.

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

##### Occupational Health and Safety

The notified polymer poses no significant risk to occupational health and safety under the conditions of the occupational settings described.

##### Public Health

There is negligible risk to public health when used in the proposed manner.

##### Environmental Effects

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

#### RECOMMENDATIONS

##### *Control Measures*

##### Occupational Health and Safety

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

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

- 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.

## Emergency procedures

- Spills and/or accidental release of the notified polymer should be handled by absorption with inert material and disposal to landfill. Residues may be flushed to sewer in accordance with Federal State and local regulations.

## Secondary Notification

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

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

**18 PUBLICATION SUMMARY REPORT**

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**Polymer in Urotuf L522 – MWP - 40  
Summary Report  
Reference No: PLC/677**

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DIC International (Australia) Pty Ltd (ABN 17 003 441 067) of 30-32 Kilkenny Court, Dandenong South VIC 3175 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in Urotuf L522-MPW-40. The notified polymer is intended to be used as a component, at a concentration of 20-30% (w/w), of industrial paints for interior flooring applications. Up to 10 tonnes of the notified polymer will be imported per annum for each of the first five years.

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

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

**Occupational Health and Safety**

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

**Public Health**

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

**Environmental Effects**

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

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

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

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

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

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

#### Environment

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

#### Disposal

- Wastes generated during paint formulation and industrial application should be disposed of through a licensed waste contractor or to landfill after pre-treatment on-site.

#### Emergency procedures

Spills/release of the notified polymer should be handled by absorbing onto an inert material, 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 subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

**19 PUBLICATION SUMMARY REPORT**

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**Polymer in Viscoplex 9-320  
Summary Report  
Reference No: PLC/680**

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Degussa Australia Pty Ltd (ABN 16 079 823 313) of 30 Commercial Drive Dandenong VIC 3175 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in Viscoplex® 9-320. The notified polymer is intended to be used in crude oil refining. Following refining, the notified polymer will be present in paraffin wax that may be used by a number of industries including the paper and packaging, construction and isolation, and corrosion protection industries; and in consumer products such as candles, tarpaulins, and polishes. 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**

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

**Occupational Health and Safety**

There is No Significant Concern to occupational health and safety under the conditions of the occupational settings described.

**Public Health**

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

**Environmental Effects**

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

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

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

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

- 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 authorised incineration or landfill.

Emergency procedures

- Spills and/or accidental release of the notified polymer should be handled by covering with damp absorbent (sand, soil, vermiculite, inert material, etc). Physically collect material by shovelling, sweeping or vacuuming, whilst avoiding dust generation. Seal in labelled containers for disposal.

### **Secondary Notification**

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

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

**20 PUBLICATION SUMMARY REPORT**

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**Diacron ER - 535  
Summary Report  
Reference No: PLC/681**

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Kyocera Mita Australia Pty Ltd (ABN: 77 003 852 444) of Level 3, 6-10 Talavera Rd, North Ryde, NSW, 2113 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Diacron ER-535. The notified polymer is intended to be used as a component of printer/copier toner at a concentration of 5-90% in purpose built sealed toner cartridges. Up to 0.3 tonnes of the notified polymer will be imported per annum for each of the first five years.

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

The notified polymer meets the PLC criteria and can therefore be considered to be of low hazard. This is supported by toxicological endpoints observed in testing conducted on a toner product containing the notified polymer at a concentration of 20%.

**Occupational Health and Safety**

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

**Public Health**

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

**Environmental Effects**

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

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

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

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

- Service personnel should wear cotton or disposable gloves and ensure adequate ventilation is present when removing spent printer cartridges containing the notified polymer and during routine maintenance and repairs.
- A copy of the MSDS should be easily accessible to employees.

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

#### Disposal

- The notified polymer should be disposed of 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.

## 21 PUBLICATION SUMMARY REPORT

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### Diacron FC - 1224 Summary Report Reference No: PLC/683

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Kyocera Mita Australia Pty Ltd (ABN: 77 003 852 444) of Level 3, 6-10 Talavera Rd, North Ryde, NSW, 2113 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Diacron FC-1224. The notified polymer is intended to be used as a component of printer/copier toner at a concentration of 5-90% in purpose built sealed toner cartridges. Up to 0.87 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 toxicological endpoints observed in testing conducted on a toner product containing the notified polymer at a concentration of 70%.

##### Occupational Health and Safety

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

##### Public Health

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

##### Environmental Effects

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

#### RECOMMENDATIONS

##### *Control Measures*

##### Occupational Health and Safety

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

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

- Service personnel should wear cotton or disposable gloves and ensure adequate ventilation is present when removing spent printer cartridges containing the notified polymer and during routine maintenance and repairs.
- A copy of the MSDS should be easily accessible to employees.

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

#### Disposal

- The notified polymer should be disposed of 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.

**22 PUBLICATION SUMMARY REPORT**

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**FC-1584  
Summary Report  
Reference No: PLC/684**

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Ricoh Australia Pty Ltd (ABN 30 000 593 171) of 8 Rodborough Rd Frenchs Forest NSW 2086 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for FC-1584. The notified polymer is intended to be used as a component of toner cartridges and developers for industrial printing machines. Up to 2 tonnes of the notified polymer will be imported per annum for each of the first five years.

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

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

**Occupational Health and Safety**

There is No Concern to occupational health and safety under the conditions of the occupational settings described.

**Public Health**

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

**Environmental Effects**

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

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

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

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

- Service personnel should wear cotton or disposable gloves and ensure adequate ventilation is present when removing spent printer cartridges containing the notified polymer and during routine maintenance and repairs.
- A copy of the MSDS should be easily accessible to employees.

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

Environment

Disposal

- The notified polymer should be disposed of to landfill.

Emergency procedures

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

### **Secondary Notification**

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

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

**23 PUBLICATION SUMMARY REPORT**

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**FC - 1588  
Summary Report  
Reference No: PLC/685**

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Ricoh Australia Pty Ltd (ABN 30 000 593 171) of 8 Rodborough Rd Frenchs Forest NSW 2086 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for FC-1588. The notified polymer is intended to be used as a component of toner cartridges and developers for industrial printing machines. Up to 1.5 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**

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

**Occupational Health and Safety**

There is No Concern to occupational health and safety under the conditions of the occupational settings described.

**Public Health**

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

**Environmental Effects**

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

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

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

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

- Service personnel should wear cotton or disposable gloves and ensure adequate ventilation is present when removing spent printer cartridges containing the notified polymer and during routine maintenance and repairs.
- A copy of the MSDS should be easily accessible to employees.

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

Environment

Disposal

- The notified polymer should be disposed of to landfill.

Emergency procedures

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

### **Secondary Notification**

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

Under subsection 64(1) of the Act; if

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

or

Under subsection 64(2) of the Act:

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

The Director will then decide whether secondary notification is required.

## 24 PUBLICATION SUMMARY REPORT

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### Erythrulose Summary Report Reference No: EX/90

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Bronson and Jacobs Pty Ltd (ABN: 81 000 063 249) of 5 Parkview Drive Homebush Bay NSW 2140 has submitted a limited notification statement in support of their application for an assessment certificate for Erythrulose. The notified chemical is intended to be used as topical self tanning agent.

Since the assessment certificate has been granted for the above notified chemical, Trimex Pty Ltd (ABN 40 001 198 787) of 5 Crewe Place, Rosebery NSW 2018, has submitted a supplementary information statement in support of their application for extension of the original assessment certificate (No. 2052, LTD/1130) together with a written agreement of the holder of the original certificate, Bronson and Jacobs Pty Ltd. The notified chemical will be imported as a component of a self-tanning cosmetic product.

A total of one tonne of the notified chemical will be imported per annum by all certificate holders for each of the first five years.

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

##### **Hazard Assessment**

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

##### **Occupational Health and Safety**

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

##### **Public Health**

There is Negligible Concern to public health when used as described in the notification.

##### **Environmental Effects**

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

#### **RECOMMENDATIONS**

##### *Control Measures*

##### Occupational Health and Safety

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

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

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

- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified chemical are classified as hazardous to health in accordance with the 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 cosmetic manufacturer to minimise environmental exposure during formulation of the notified chemical:
  - Process equipment should be within bunded areas with only process drains in the vicinity.

#### Disposal

- The notified chemical should be disposed of to landfill.

#### Emergency procedures

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

#### **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 total import volume by all certificate holders 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.

**25 PUBLICATION SUMMARY REPORT**

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**1,3-dimethyl-4-aminouracil  
Summary Report  
Reference No: EX/91**

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Crompton Specialties Pty Ltd (ABN 18 005 225 507) of 462 Burwood Road, Hawthorn VIC 3123 who has changed its corporate name and location to Chemtura Australia Pty Ltd (ABN 18 005 225 507), level 7,435 King William Street Adelaide SA 5000 has submitted a standard notification statement in support of their application for an assessment certificate for 1,3-dimethyl-4-aminouracil. The notified chemical is intended to be used as an additive in PVC pipes. Up to 200 tonnes of the notified chemical will be imported per annum for each of the first five years.

Since the assessment certificate has been granted for the above notified polymer, Sun Ace Australia Pty Ltd (ABN 75 050 238 769) of 32 – 38 Remington Drive, Dandenong VIC 3175 has submitted a supplementary information statement in support of their application for extension of the original assessment certificate (No. 1566, STD/1029) together with a written agreement of the holder of the original certificate, Crompton Specialties Pty Ltd. The use of the notified chemical will be as above. Up to 150 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 according to instructions.

**Environment**

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

**RECOMMENDATIONS***Control measures***Occupational Health and Safety**

- Employers should implement the following engineering controls to minimise occupational exposure to the notified chemical [when introduced as neat chemical]:

- *Automated processes; local exhaust ventilation*
- 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 the formulated product]:
  - *Gloves, overalls and dust mask*

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

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

#### Environment

- The following control measures should be implemented by the notified chemical manufacturer, the formulator and the pipe manufacturer to minimise environmental exposure during (manufacture, formulation, use) of the notified chemical:
  - Collect any spilt or surplus material and store in labelled container until disposal.

#### Disposal

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

#### Emergency procedures

Spills/release of the notified chemical should be handled by containment, then collected by sweeping or other mechanical collection means and then stored in a clearly labelled 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 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 ACCESS TO FULL PUBLIC REPORT

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

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

## 27 COMMERCIAL EVALUATION CATEGORY PERMIT

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

**Table 1**  
**Commercial Evaluation Category Permits**

PERMIT NUMBER	COMPANY NAME	COMPANY POSTCODE	CHEMICAL OR TRADE NAME	HAZARDOUS SUBSTANCE	QUANTITY	USE	PERIOD APPROVED
681	Ciba Specialty Chemicals Pty Ltd	3074	IRGACLEAR XT 386	ND	4000 kg	Clarifier for plastics	2 yrs
683 (Renewal)	Arkema Pty Ltd	3121	THERMOLITE T-178	Yes	4000 kg	Heat stabiliser for PVC	1 yr

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

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

**Table 2**

### Early Introduction Permits

PERMIT NUMBER	COMPANY NAME	CHEMICAL OR TRADE NAME	USE
475	Grace Australia Pty Ltd	Aqualoc HS-1	Concrete additive
476	Arkema Pty Ltd	Polymer in Lotader 3430 and Lotader 4503	Adhesive polymer in plastic packaging
477	Lanier (Australia) Pty Ltd	SREP-011EX	Component of toner and developer
478	Ricoh Australia Pty Ltd		
479	Degussa Australia Pty Ltd	Degalan LP 65112	Coating component
480	Ciba Specialty Chemicals Pty Ltd	Irgastat P16 and Polymer in Irgastat P18	Component in thermoplastic polymers
481	Grace Australia Pty Ltd	Aqualoc HW-1B	Concrete additive
483	General Electric Plastics (Aust) Pty Ltd	Lexan XHT8141 Modified Polycarbonate Copolymer	Polymer for plastic injection moulding and extrusion
484	Cytec Australia Holdings Pty Ltd	Polymer in Superfloc HX-800 Flocculant	Used as flocculant in the Bayer process (used to obtain alumina from bauxite)

**29 CONTROLLED USE PERMIT (EXPORT ONLY)**

The permits listed in Table 3 were issued to import or manufacture the following chemicals for export of the entire quantity under section 22F of the Industrial Chemicals (Notification and Assessment) Act 1989.

**Table 3****Controlled Use Permit**

<b>PERMIT NUMBER</b>	<b>COMPANY NAME</b>	<b>CHEMICAL OR TRADE NAME</b>	<b>USE</b>
001	Mirotone Pty Ltd	2-Propenoic acid, decyl ester	Monomer in UV curable coatings
002	Mirotone Pty Ltd	2-Propenoic acid, octyl ester	Monomer in UV curable coatings

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

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

Table 4

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

CHEMICAL NAME	MOLECULAR FORMULA	CAS NUMBER
Ethanol, 2-phenoxy-, 4-aminobenzoate, ar-polyisobutylene derivs	Unspecified	181314-49-8
2-[[8-[[6-[(2-Carboxyphenyl)amino]-1,4-dihydro-4-oxo-1,3,5-triazin-2-yl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]azo]benzoic acid, tetraammonium salt	$C_{27}H_{19}N_7O_{12}S_2$ $4H_3N$	183130-96-3
Phenol, 2(or 4)-C20-30-sec-alkyl derivs., reaction products with distn. residues from manuf. of phenol (tetrapropenyl) derivs., phenol (tetrapropenyl) derivs. and sulfur, calcium salts	Unspecified	220795-11-9
2-propenoic acid, polymer with 1-propanaminium, N,N,N-trimethyl-3-[(2-methyl-1-oxo-2-propenyl)amino]-, chloride and methyl 2-propenoate, sodium salt	$(C_{10}H_{21}N_{20}.C_4H_6$ $O_2.C_3H_4O_2.Cl)_x.x$ Na	197969-52-1
9-Octadecenoic acid (9Z)-, reaction products with diethylenetriamine, cyclized, di-Et sulfate-quaternized	$C_{18}H_{34}O_2.C_4H_{13}N$ $3.C_4H_{10}O_4S$	68511-92-2
2-Butenedioic acid (E)-, didodecyl ester, polymer with ethenyl acetate	$(C_{28}H_{52}O_4.C_4H_6O$ $2)_x$	27456-04-8
Butanoic acid, 3-oxo-, 2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl ester, polymer with butyl 2-propenoate, ethenylbenzene, 2-hydroxyethyl 2-propenoate and methyl 2-methyl-2-propenoate	$(C_{10}H_{14}O_5.C_8H_8.C$ $7H_{12}O_2.C_5H_8O_3.C$ $5H_8O_2)_x$	136016-63-2
1-Propanone, 2-hydroxy-1-[4-(2-hydroxyethoxy)phenyl]-2-methyl-	$C_{12}H_{16}O_4$	106797-53-9
Ferrate(1-), bis[1-[[5-chloro-2-(hydroxy-kappa.O) phenyl]azo-kappa.N1]-6-(1,1,3,3-tetramethylbutyl)-2-naphthalenolato(2-)-kappa.O]-, sodium	$C_{48}H_{50}C_{12}FeN_4O_4$ . Na	268728-80-9