



Australian Government

*Gazette*

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Notification and Assessment Scheme - NICNAS

***CHEMICAL***

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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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## **AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES**

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## 1 NICNAS TRAINING UPDATE

The following information sessions are proposed for November & December 2008.

<b>City</b>	<b>Session</b>	<b>Date</b>	<b>Time</b>	<b>Location</b>
Sydney	Introduction to NICNAS	18 November 2008	9:30-11:00 am	Mercure Sydney 818-820 George Street Sydney NSW 2000
	Cosmetics Regulation	18 November 2008	2:00-3:30 pm	
Adelaide	Introduction to NICNAS	21 November 2008	9:30-11:00 am	Freedom Adelaide Meridien Hotel 21-37 Melbourne Street, North Adelaide, SA 5006
Melbourne	Introduction to NICNAS	28 November 2008	9:30-11:00 am	Novotel Melbourne on Collins 70 Collins Street Melbourne VIC 3000
	Cosmetics Regulation	28 November 2008	2:00-3:30 pm	
Perth	Introduction to NICNAS	4 December 2008	2:00-3:30 pm	Novotel Perth Langley 221 Adelaide Terrace Perth WA 6000
Brisbane	Introduction to NICNAS	11 December 2008	9:30-11:00 am	Brisbane Riverview Hotel Cnr Kingsford Smith Drive & Hunt Street Hamilton QLD 4007

The Australian Security Intelligence Organisation (ASIO) may be attending Introduction to NICNAS information sessions to update industry on security related issues.

Please register your interest for these information sessions by emailing [industry.training@nicnas.gov.au](mailto:industry.training@nicnas.gov.au).

Places are limited but additional sessions will be scheduled for early 2009 depending on the level of interest.

## 2 NICNAS NEW CHEMICALS FUNDAMENTALS WORKSHOPS ON THE REGULATION OF NEW INDUSTRIAL CHEMICALS

Due to the success of the pre-HazMat training in May this year, NICNAS will be re-running these two half-day training workshops in Sydney on **10<sup>th</sup> December 2008**, for those who were unable to attend the Melbourne workshops.

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

For more information and to register please download the [flyer/registration](#) form from our website. Spaces are limited so please book early. Registrations close on **21 November 2008**.

For more information please contact Julie Brown on 02 8577 8870 or email [industrytraining@nicnas.gov.au](mailto:industrytraining@nicnas.gov.au)

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

### 3 REMINDER NOTICE - VOLUNTARY CALL FOR INFORMATION ON CHEMICALS

The National Industrial Chemicals Notification and Assessment Scheme (NICNAS) published a call for information on certain chemicals which can be utilised in the manufacture of illicit drugs in the *Chemical Gazette* of 8 October 2008,

NICNAS is collating information on these chemicals on behalf of the Commonwealth Government Attorney General's Department (AGD). The information will primarily be considered in the development of a national framework for the control of precursor chemicals and equipment.

This notice is a reminder that the closing date for the requested information is **1 December 2008**.

The voluntary call for information can be accessed at:

[http://www.nicnas.gov.au/Publications/Chemical\\_Gazette/Chemical\\_Gazette\\_October\\_2008.asp](http://www.nicnas.gov.au/Publications/Chemical_Gazette/Chemical_Gazette_October_2008.asp)

For further information, please contact Ms Lorma Gutierrez by phone: (02) 8577 8863, fax: (02) 8577 8888 or email: [lorma.gutierrez@nicnas.gov.au](mailto:lorma.gutierrez@nicnas.gov.au).

Please send the requested information to:

Ms Lorelie Flood  
Existing Chemicals  
NICNAS  
GPO Box 58  
Sydney NSW 2001

#### 4 REMINDER NOTICE - INDUSTRIAL NANOMATERIALS: VOLUNTARY CALL FOR INFORMATION 2008

This Notice is to remind all persons who have manufactured or imported nanomaterials or products (mixtures) containing nanomaterials for commercial or research and development purposes in 2008 that a Voluntary Call for Information on Industrial Nanomaterials is currently open. The closing date for the Call is **Friday 23 January 2008**.

The aims of the Call, which was published in the October 2008 Chemical Gazette at: [http://www.nicnas.gov.au/Publications/Chemical\\_Gazette/PDF/2008oct\\_whole.pdf](http://www.nicnas.gov.au/Publications/Chemical_Gazette/PDF/2008oct_whole.pdf) - page=8, are to:

- determine what industrial nanomaterials are introduced and used in Australia;
- determine the volumes of these industrial nanomaterials;
- identify what data are available on these industrial nanomaterials; and
- understand how industrial nanomaterials are used in industry and in public sector research.

NICNAS undertook a Voluntary Call for Information in 2006 in relation to industrial nanomaterials that are in the marketplace and their intended applications (see [http://www.nicnas.gov.au/Publications/Information\\_Sheets/General\\_Information\\_Sheets/NIS\\_Call\\_for\\_info\\_Nanomaterials.pdf](http://www.nicnas.gov.au/Publications/Information_Sheets/General_Information_Sheets/NIS_Call_for_info_Nanomaterials.pdf)). In 2008, NICNAS is extending this survey via the current Voluntary Call for Information to include industrial nanomaterials at the research and development stage and by ascertaining what categories of physico-chemical and toxicological data are held on each nanomaterials – though actual data are not to be submitted nor new data generated.

The time taken to participate in this Call is estimated to be up to 4 hours to fill-in the questionnaire per nanomaterial, exclusive of the time you might need to locate and collect data. There are two options for providing information to this Call:

1. electronic lodgement of an emailed form to the NICNAS Reform Team at [nag@nicnas.gov.au](mailto:nag@nicnas.gov.au); or
2. faxed [to (02) 8577 8888) or posted lodgement of a written response on the emailed form (this form can also be posted to you if requested, and is also available in the October Chemical Gazette) see attachment 1. If posting, send to:

**REPLY PAID 58**

NICNAS  
Reform Team  
GPO Box 58  
Sydney NSW 2001

To participate in the Call, please lodge your response by **COB Friday 23 January 2009**.

If you would like any further information please contact:

- NICNAS  
Dr Matthew Gredley  
02 8577 8873  
[matthew.gredley@nicnas.gov.au](mailto:matthew.gredley@nicnas.gov.au)

Or, please refer to the following websites:

- NICNAS –  
<http://www.nicnas.gov.au/>  
[http://www.nicnas.gov.au/Current\\_Issues/Nanotechnology.asp](http://www.nicnas.gov.au/Current_Issues/Nanotechnology.asp)

## 5 PUBLICATION SUMMARY REPORT

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### Isoprene Glycol (Isopentyldiol) Summary Report Reference No: LTD/1368

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Neways International (Australia) Pty Ltd (ABN 11 065 366 458) of 162 Fullarton Road, Rose Park SA 5067 has submitted a limited notification statement in support of their application for an assessment certificate for Isoprene Glycol (Isopentyldiol). The notified chemical is intended to be used as an emollient in personal care products ( $\leq 5\%$ ). Up to 1 tonne of the notified chemical will be imported per annum for each of the first five years.

#### **Hazard Classification**

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

#### **Human Health Risk Assessment**

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

When used in the proposed manner at concentrations of up to 5% in cosmetics/personal care products, the notified chemical is not considered to pose an unacceptable risk to public health.

#### **Environmental Risk Assessment**

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

#### **Recommendations**

##### *Control Measures*

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

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

##### Disposal

- The notified chemical should be disposed of by landfill.

##### Emergency procedures

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

## Regulatory Obligations

### Secondary Notification

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

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

- (1) Under Section 64(1) of the Act; if
  - the importation volume exceeds one tonne per annum notified chemical; or
  - the notified chemical is imported as a raw ingredient; or
  - the notified chemical is imported at >5% in cosmetic/personal care products.or
- (2) Under Section 64(2) of the Act; if
  - the function or use of the chemical has changed from component of personal care products, or is likely to change significantly;
  - if the chemical has begun to be manufactured in Australia;
  - additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

### Material Safety Data Sheet

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

## 6 PUBLICATION SUMMARY REPORT

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### Chemical 1 in Lumogen Black FK 4281 Summary Report Reference No: STD/1297

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BASF Australia Ltd (ABN 62 008 437 867) of 500 Princes Highway, Noble Park VIC 3174 has submitted a standard notification statement in support of their application for an assessment certificate for Chemical 1 in Lumogen Black FK 4281. The notified chemical is intended to be used as a dispersed solid pigment in coloured plastics and coatings. Up to 5 tonnes of the notified chemical will be imported per annum for each of the first five years.

#### **Hazard Classification**

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

#### **Human Health Risk Assessment**

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

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

#### **Environmental Risk Assessment**

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

#### **Recommendations**

##### *Control Measures*

##### Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to the notified chemical as introduced in the product Lumogen Black FK 4281:
  - Local exhaust ventilation where manual handling of the notified chemical in powder form is carried out.
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical as introduced in the product Lumogen Black FK 4281:
  - Dust masks (adequate for respirable particulates) wherever airborne dusts are likely to be generated.

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

- For health concerns, the level of atmospheric dust should be maintained as low as possible. The ACGIH recommended exposure level of 3 mg/m<sup>3</sup> should be observed for "respirable (insoluble) particulates (not otherwise regulated)".
- A copy of the MSDS should be easily accessible to employees.
- Spray application should be carried out in accordance with the ASCC *National Guidance Material for Spray Painting* [NOHSC (1999b)].
- If products and mixtures containing the notified chemical are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)] workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

#### Disposal

- The notified chemical should be disposed of by landfill.

#### Storage

- The following precautions should be taken by BASF Australia Ltd regarding storage of the notified chemical:
  - Keep container tightly closed and dry
  - Store in a cool place
  - Avoid the generation of airborne dusts during handling
  - Take precautionary measures against static discharges

#### Emergency procedures

- Spills or accidental release of the notified chemical should be handled by physical containment, collection and storage for disposal via landfill, incineration or further treatment in accordance with local regulations. The notified chemical should not be discharged into drains, surface waters or groundwaters.

### **Regulatory Obligations**

#### Secondary Notification

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

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

- (1) Under Section 64(2) of the Act; if
- the function or use of the chemical has changed from a pigment in coloured plastics and coatings or is likely to change significantly;
  - the amount of chemical being introduced has increased from 5 tonnes, or is likely to increase, significantly;
  - if the chemical has begun to be manufactured in Australia;
  - additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

### **Material Safety Data Sheet**

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

## 7 PUBLICATION SUMMARY REPORT

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### CIM-11 Summary Report Reference No: STD/1305

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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 standard notification statement in support of their application for an assessment certificate for CIM-11. The notified chemical is intended to be used as a component of imported inkjet printer inks. Two tonnes of the notified chemical will be imported per annum for each of the first five years.

#### **Hazard Classification**

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

#### **Human Health Risk Assessment**

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

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

#### **Environmental Risk Assessment**

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

#### **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 chemical 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 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 *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)] workplace practices and control procedures

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

#### Disposal

- The notified chemical should be disposed of by landfill.

#### Emergency procedures

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

### **Regulatory Obligations**

#### Secondary Notification

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

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

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

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

No additional secondary notification conditions are stipulated.

### **Material Safety Data Sheet**

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

## 8 PUBLICATION SUMMARY REPORT

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### Eastman Tritan Copolyester EX300 Summary Report Reference No: PLC/794

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Eastman Chemical Limited (ABN: 72 001 313 417) of C/- PricewaterhouseCoopers, Level 1 Darling Park, Tower 2, 201 Sussex Street, Sydney NSW 2000 submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Eastman Tritan Copolyester EX300. The notified polymer is intended to be used in the production of plastic parts and extruded sheeting for commercial applications such as plastic face masks. Up to 600 tonnes of the notified polymer will be imported per annum for each of the first five years.

#### **Hazard Assessment**

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

#### **Human Health Risk Assessment**

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

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

#### **Environmental Risk Assessment**

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

#### **Recommendations**

##### *Control Measures*

##### Occupational Health and Safety

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

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

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

Environment

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 containment, collection and subsequent safe disposal.

## **Regulatory Obligations**

Secondary Notification

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

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

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

or

- (2) Under Section 64(2) of the Act; if
  - the function or use of the notified polymer has changed from use in the production of plastic parts and extruded sheeting for commercial applications, or is likely to change significantly;
  - the amount of notified polymer being introduced has increased from 600 tonnes per annum, or is likely to increase, significantly;
  - if the notified polymer has begun to be manufactured in Australia;
  - additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

**Material Safety Data Sheet**

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

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**9 PUBLICATION SUMMARY REPORT**

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**Polymer in 99Z60206 Putty Resin and 3379001 Tack Free Promoted Putty Resin  
Summary Report  
Reference No: PLC/799**

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The Valspar (Australia) Corporation Pty Limited (ABN 82 000 039 396) of 203 Power St, 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 99Z60206 Putty Resin and 3379001 Tack Free Promoted Putty Resin. The notified polymer is intended to be used as an ingredient of putty resins. Up to 200 tonnes of the notified polymer will be manufactured per annum for each of the first five years.

**Human Health Risk Assessment**

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

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

**Environmental Risk Assessment**

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

**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.

- Atmospheric monitoring should be conducted by employers to measure workplace concentrations of monomers and decomposition products during manufacture of the notified polymer to ensure atmospheric concentrations are maintained below the ASCC National Exposure Standards declared under the *Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment* [NOHSC:1003(1995)].
- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)], workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

## Disposal

- The notified polymer should be disposed of by landfill.

## Storage

- The following precautions should be taken by the manufacturer and customers regarding storage of resin solutions containing the notified polymer:
  - Store in a cool, well-ventilated place away from incompatible materials.
  - Store in original container away from sources of heat or ignition.
  - Use proper grounding procedures to avoid formation of electric spark due to static charge accumulation.
- Emergency procedures for resin solutions containing the notified polymer:
  - Extinguish or remove all sources of ignition.
  - Wear protective equipment to prevent skin and eye contamination and inhalation of vapours.
  - Avoid spraying water directly into storage containers due to danger of boil over.

## Regulatory Obligations

### Secondary Notification

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

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

- (1) Under Section 64(1) of the Act; if
    - the notified polymer is introduced in a chemical form that does not meet the PLC criteria.
- or
- (2) Under Section 64(2) of the Act; if
    - the function or use of the notified polymer has changed from ingredient of putty resin, or is likely to change significantly;
    - the amount of notified polymer being introduced has increased from 200 tonnes, or is likely to increase, significantly;
    - the method of manufacture of the notified polymer in Australia has changed, or is likely to change, in a way that may result in an increased risk of an adverse effect of the notified polymer on occupational health and safety, public health, or the environment;

- additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

### **Material Safety Data Sheet**

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

## 10 PUBLICATION SUMMARY REPORT

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### Component 4 (XC6170) Summary Report Reference No: EX/109

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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 VIC, 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.

Since the assessment certificate has been granted for the above notified chemical, Shell Company of Australia Ltd of 8 Redfern Rd Hawthorn East VIC 3128 has submitted an application for extension of the assessment certificate (Nos. 2333 & 2334, STD/1196), together with a written agreement of the holders of the original certificate (Oronite Australia Pty Ltd & Mobil Oil Australia Pty Ltd) for importing less than 10 tonnes of the notified chemical per annum for use as a lubricant additive.

#### **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.

#### **Risk Assessment Relating to Extension Application**

The proposed use, introduction volume and fate of the notified chemical will not change significantly under the proposed extension. The circumstances in the extension application are not expected to impact on the original human health and environmental risk assessment.

## 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 ≥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 Standing 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:

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

The Director will then decide whether secondary notification is required.

No additional secondary notification conditions are stipulated.

## 11 ACCESS TO FULL PUBLIC REPORT

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

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

## 12 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
731	Kodak (Australasia) Pty Ltd	3066	AKYPO LF2	Yes	700 kg	Component of lithographic printing plate processing solution	2 yrs

### 13 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 2**

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

CHEMICAL NAME	MOLECULAR FORMULA	CAS NUMBER
Ethanol, 2-(dibutylamino)-, compound with alpha-phosphono-omega butoxypoly[oxy(methyl-1,2-ethanediyl)]	Unspecified	398487-96-2
1,4-benzenedicarboxylic acid, polymer with 5-amino-1,3,3 trimethylcyclohexanemethanamine, hexanedioic acid, 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethylcyclohexane, alpha, alpha'-[(1-methylethylidene)di-4,1-phenylene]bis[w-hydroxypoly(oxy-1,2-ethanediyl)] and alpha, alpha'-[(1-methylethylidene)di-4,1-phenylene]bis[w-hydroxypoly[oxy(methyl-1,2-ethanediyl)]]	$C_{12}H_{18}N_2O_2 \cdot C_{10}H_{22}N_2 \cdot C_8H_6O_4 \cdot C_6H_{10}O_4 \cdot [(C_{15}H_{16}O_2)(C_3H_6)]_n \cdot C_{15}H_{16}O_2 \cdot (C_2H_4O)_n$	484689-78-3
Oxirane, methyl-, polymer with oxirane, ether with 1,1',1'',1'''-[(methylimino)bis(3,1-propanediyl)nitri]tetrakis[2-propanol] (4:1)	Unspecified	346426-38-8
Benzene, 1,3-bis(1-isocyanato-1-methylethyl)-, homopolymer, poly(oxy-1,2-ethanediyl), alpha-methyl-omega-hydroxy-blocked	Unspecified	197098-60-5
1,4-benzenedicarboxylic acid, polymer with hexanedioic acid, alpha, alpha'-[(1-methylethylidene)di-4,1-phenylene]bis[omega-hydroxypoly(oxy-1,2-ethanediyl)] and alpha, alpha'-[(1-methylethylidene)di-4,1-phenylene]bis[omega-hydroxypoly[oxy(methyl-1,2-ethanediyl)]]	Unspecified	111692-09-2
2-Propenoic acid, 2-methyl-, polymers with ethyl acrylate and polyethylene glycol methacrylate C18-22-alkyl ethers	Unspecified	888969-14-0
2,7-Naphthalenedisulfonic acid, 5-[[4-[(4,5-dimethyl-2-sulfo)phenyl]amino]-	$C_{31}H_{25}N_7O_{14}S_4 \cdot xH_3N \cdot xNa$	388582-15-8

5,6-dihydro-6-oxo-1,3,5-triazin-2-yl]amino]-4-hydroxy-3-[2-(1-sulfo-2-naphthalenyl)diazenyl]-, ammonium sodium salt		
Oxirane, ethyl-, homopolymer, 2-hydroxybutyl ether, ether with mixed distillation residues from manufacture of phenol (tetrapropenyl) derivatives and phenol (tetrapropenyl) derivatives	Unspecified	220795-38-0