



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 DRAFT SECONDARY NOTIFICATION REPORT FOR COMPLEX SOAP TH17

In accordance with sections 60E(1) and 68A(4) of the *Industrial Chemicals (Notification and Assessment) Act 1989* (the Act), as amended, notice is hereby given by the Director that the draft secondary notification assessment report for Complex Soap TH17 is available for public comment.

Under Section 60D of the Act, the draft secondary notification report was given to the applicant for 28 days to enable corrections of any errors. The draft report has been corrected and is now available for public comment.

The report presents a summary and evaluation of information relevant to a secondary assessment of Complex Soap TH17, covering uses, exposure, effects on human health and the environment, and the risks of adverse effects the chemical may cause to the environment and people of Australia. Recommendations for safe use of Complex Soap TH17 are made.

The draft report (hard or read-only electronic copy) may be requested by contacting **Maureen Hardy** by phone (02) 8577 8892 or fax (02) 8577 8888 or by email at [maureen.hardy@nicnas.gov.au](mailto:maureen.hardy@nicnas.gov.au). Requests should clearly state which form (hard or electronic copy) is required. The draft report is also available on the NICNAS website at <http://www.nicnas.gov.au>.

Variation requests should be received in writing by NICNAS by close of business on **WEDNESDAY 2 SEPTEMBER 2009**. This is a statutory deadline, which cannot be extended.

### Submission format for variation requests

Any requests for variation must be made with respect to the draft report and accompanied by a completed application form (NICNAS Form 4a) which is available on the NICNAS website at [http://www.nicnas.gov.au/Forms/Existing\\_Chemicals/Form4a\\_PDF.pdf](http://www.nicnas.gov.au/Forms/Existing_Chemicals/Form4a_PDF.pdf).

Applications should clearly outline any amendment or change(s) requested. All applications for variation must identify the exact words, sentence or paragraph in the report to be varied and then state replacement words, sentences or paragraphs. The rationale behind any request for variation must be clearly explained, with references where relevant.

Requests for variation should be sent to: NICNAS, PO Box 58, Sydney NSW 2001.

## 2 LOW VOLUME CHEMICAL PERMITS ISSUED IN THE LAST 3 YEARS

Section 21ZA(2) of the Act, requires the Director to publish at least once a year a list of current Low Volume Chemical Permits in force at the date published.

Permit No	Chemical/Trade Name	Company	Permit Issued
720 (Renewal)	6-Nonen-1-ol, acetate, (6Z)-	International Flavours and Fragrances Aust Pty Ltd	04/07/06
721 (Renewal)	Imexine OBA	L'Oreal Australia Pty Ltd	09/08/06
722 (Renewal)	Stearalkonium Bentonite	L'Oreal Australia Pty Ltd	09/08/06
723 (Renewal)	Methylsilanol Mannurate	L'Oreal Australia Pty Ltd	09/08/06
724 (Renewal)	Imexine OAX	L'Oreal Australia Pty Ltd	09/08/06
725	Bamboo Ketone	Takasago International Corporation (Aust Sales Office)	29/08/06
726 (Renewal)	Dye 002	Canon Australia Pty Ltd	07/09/06
727 (Renewal)	Quincester	Firmenich Limited	15/09/06
728 (Renewal)	Mysoral	Firmenich Limited	15/09/06
729 (Renewal)	Florhydral	Givaudan Australia Pty Limited	26/09/06
730 (Renewal)	Okoumal	Givaudan Australia Pty Limited	26/09/06
731 (Renewal)	Pharaone	Givaudan Australia Pty Limited	26/09/06
732 (Renewal)	Floridile	Givaudan Australia Pty Limited	26/09/06
733 (Renewal)	Belambre	Givaudan Australia Pty Limited	26/09/06
734	Carbamic acid, dimethyl-, 1-ethenyl-1,5-dimethyl-4-hexenyl ester	Givaudan Australia Pty Limited	10/10/06
735 (Renewal)	Aladinate	Firmenich Limited	17/10/06
736 (Renewal)	Sclareolate	Firmenich Limited	17/10/06
737 (Renewal)	Lilyflore	Firmenich Limited	17/10/06
738 (Renewal)	Rosoxime	Firmenich Limited	17/10/06

739 (Renewal)	Aldolone	Firmenich Limited	23/10/06
740 (Renewal)	Centifoletter	Firmenich Limited	23/10/06
741 (Renewal)	Jasmonitrile	Firmenich Limited	23/10/06
742 (Renewal)	Cyclopentol	Firmenich Limited	23/10/06
743	1-Cyclooct-3-enylethanone (Tanaïsonne)	Givaudan Australia Pty Limited	02/11/06
744 (Renewal)	Vertoxime	Firmenich Limited	23/11/06
745 (Renewal)	Hivernal	Firmenich Limited	23/11/06
746 (Renewal)	3-Cyclopentene-1-butanal, alpha, 2,2,3-tetramethyl- (Santaflour)	International Flavours and Fragrances Aust Pty Ltd	29/11/06
747 (Renewal)	5-amino-6-chloro-o-cresol	La Biosthetique Australia Pty Ltd	31/01/07
748 (Renewal)	MJA-549(N)	Epson Australia Pty Ltd	08/02/07
749 (Renewal)	NEJI-7	Epson Australia Pty Ltd	09/03/07
750 (Renewal)	Breu Wood Resin	International Flavours and Fragrances Aust Pty Ltd	21/03/07
751	2-propenoic acid, 3-(2- hydroxyphenyl)-, 9-decen-1-yl ester, (2E)-	Givaudan Australia Pty Ltd	15/03/07
752	Polyquaternium-59	La Biosthetique Australia Pty Ltd	22/03/07
753	2H-2, 4a-Methanonaphthalene, 1, 3, 4, 5, 6, 7-hexahydro-7- methoxy-1, 1, 5, 5-tetramethyl-	Symrise Pty Ltd	26/03/07
754	Cyclohexadecenone	Symrise Pty Ltd	26/03/07
755	4, 7-Methano-1H- indenecarboxaldehyde, 3a, 4, 5, 6, 7, 7a-hexahydro-, reaction products with Me Et ketone, acid-isomerised, reduced	Symrise Pty Ltd	26/03/07
756	3-Cyclooctene-1-methanol, alpha-ethyl-	Givaudan Australia Pty Ltd	04/04/07
757 (Renewal)	3-(1,1-Dimethylethyl) Cyclohexyl Acetate	Givaudan Australia Pty Ltd	18/04/07
758	2(3H)-Furanone, 5- hexyldihydro-4-methyl-	Symrise Pty Ltd	30/04/07
759 (Renewal)	Azurone	Givaudan Australia Pty Ltd	23/05/07

760 (Renewal)	Trifone	Firmenich Limited	22/05/07
761 (Renewal)	Vulcanolide	Firmenich Limited	22/05/07
762 (Renewal)	Transluzone	Firmenich Limited	22/05/07
763 (Renewal)	Pyridine Orange	Firmenich Limited	22/05/07
764 (Renewal)	Myrrhone	Firmenich Limited	22/05/07
765 (Renewal)	Fructopyridine	Firmenich Limited	22/05/07
766 (Renewal)	Doremox	Firmenich Limited	22/05/07
767 (Renewal)	M Polymer	Epson Australia Pty Ltd	25/05/07
768 (Renewal)	NEJI-1	Epson Australia Pty Ltd	25/05/07
769 (Renewal)	NEJI-2	Epson Australia Pty Ltd	25/05/07
770	Fluorosurfactant in Bayowet FT 248 R	Lanxess Pty Ltd	06/06/07
771	C-BK4	Canon Australia Pty Ltd	01/06/07
772	C-BW1	Canon Australia Pty Ltd	01/06/07
773	C-Y9	Canon Australia Pty Ltd	01/06/07
774 (Renewal)	2-Acetyl-1,2,3,4,5,6,7,8-octahydro-2,3,8,8 (or 1,2,8,8)-tetramethylnaphthalene (Georgywood)	Givaudan Australia Pty Limited	08/06/07
775	C-M5	Canon Australia Pty Ltd	08/06/07
776 (Renewal)	Cyclohexadecanone	Symrise Pty Ltd	21/06/07
777	C-C1	Canon Australia Pty Ltd	25/06/07
778	Ethanol, 2-(2, 4-diaminophenoxy)-, sulfate (1:1) salt	Combe International Ltd	27/06/07
779 (Renewal)	Walnut Ester	Firmenich Limited	18/07/07
780 (Renewal)	Firwood	Firmenich Limited	16/07/07
781 (Renewal)	Ysamber K	International Flavours & Fragrances Aust Pty Ltd	17/07/07
782 (Renewal)	Ambrocenide 10	International Flavours & Fragrances Aust Pty Ltd	19/07/07

783	NEJI-18	Epson Australia Pty Ltd	07/08/07
784	AKPT-1	Epson Australia Pty Ltd	10/08/07
785	DP7004	DuPont (Australia) Ltd	16/08/07
786		Hewlett Packard Australia Pty Ltd	
787	Chemical in TINOSAN SDC	Ciba Australia Pty Limited	24/08/07
788	CIM-02	Canon Australia Pty Ltd	13/09/07
789	CIM-03	Canon Australia Pty Ltd	13/09/07
790	CIM-04	Canon Australia Pty Ltd	13/09/07
791	CIM-05	Canon Australia Pty Ltd	13/09/07
792	Fluorochemical in Dyneon FC2123	3M Australia Pty Ltd	13/09/07
793 (Renewal)	HN-130	Chemetall (Australasia) Pty Ltd	29/09/07
794 (Renewal)	Liojet WD Yellow 008C	Epson Australia Pty Ltd	17/10/07
795 (Renewal)	Liojet WD Magenta 008C	Epson Australia Pty Ltd	17/10/07
798 (Renewal)	Butanoic acid, 3-mercapto-, ethyl ester	International Flavours & Fragrances Aust Pty Ltd	25/11/07
799	2-Butanone,1,3,4-trihydroxy-	E.T. Browne (Australia) Pty Ltd	21/12/07
800 (Renewal)	Benzoic acid, 2-methyl-, methyl ester	International Flavours & Fragrances Aust Pty Ltd	15/01/08
801	Ethanol, 2-(2,4-diaminophenoxy)-, sulfate (1:1) (salt)	La Biosthetique Australia Pty Ltd	21/01/08
802 (Renewal)	5-Cyclotetradecen-1-one, 3-methyl-, (5E)-	Givaudan Australia Pty Ltd	25/02/08
803	2-(2,4-Dimethylcyclohexyl)-Pyridine	Givaudan Australia Pty Ltd	11/04/08
804 (Renewal)	Oxacyclopentadec-10-en-2-one, 13-methyl-	Givaudan Australia Pty Ltd	18/04/08
805 (Renewal)	4,7-octadienoic acid, methyl ester, (4E)-	Givaudan Australia Pty Ltd	18/04/08
806 (Renewal)	Naphth[2,3-b]oxirene, 1a,2,3,4,5,6,7,7a-octahydro-1a,3,3,4,6,6-hexamethyl-, (1aR,4S,7aS)-rel-	Givaudan Australia Pty Ltd	18/04/08
807 (Renewal)	3,7,11-trimethyl-6,10-dodecadienal	Givaudan Australia Pty Ltd	18/04/08
809	2,4-Diaminophenoxyethanol sulfate	Tigi Australia Pty Ltd	22/04/08
810 (Renewal)	Alpinia Oil A	International Flavours & Fragrances Aust Pty Ltd	14/05/08

811	1-Pentanol, 2-mercapto-2-methyl	Symrise Pty Ltd	19/05/08
808	2-ethyl-N-methyl-N-(3-methylphenyl)-butanamide	Givaudan Australia Pty Limited	29/05/08
812	2H-2, 4a-Methanonaphthalene-8-ethanol,1,3,4,5,6,7-hexahydro— $\beta$ ,1,1,5,5-pentamethyl-	Givaudan Australia Pty Ltd	07/07/08
813	1H-Inden-1-one,2,3-dihydro-2,3,3-trimethyl-	Givaudan Australia Pty Ltd	11/08/08
814	Adduct IP 322	Huntsman Advanced Materials (Australia) Pty Ltd	15/07/08
815	Cyclohexanol,4-(3-methylbutyl)-	Symrise Pty Ltd	16/07/08
816 (Renewal)	IDM Ketal	International Flavours & Fragrances (Australia) Pty Ltd	26/07/08
817	Benzeneacetonitrile, $\alpha$ -cyclohexylidene-2-methyl	Givaudan Australia Pty Ltd	05/08/08
818	SYMAC US-1000	Canon Australia Pty Ltd	24/10/08
819 (Renewal)	Polysilicone-15	La Biosthetique Australia Pty Ltd	23/10/08
820 (Renewal)	Ubiquinone 10, Coenzyme Q10	Beresdorf Australia Ltd	06/11/08
821 (Renewal)	3M Screen Print Gloss Clear 1920DR	3M Australia Pty Ltd	14/11/08
822	Blue Hair Dye Z (Tetrabromophenal Blue)	Procter and Gamble Australia Pty Ltd	02/12/08
823		Cosmetic Suppliers Pty Ltd	
824	Octanal, 6-methoxy-2,6-dimethyl-	Givaudan Australia Pty Ltd	16/12/08
825	HC Blue No.15	Procter and Gamble Australia Pty Ltd	18/12/08
826		Cosmetic Suppliers Pty Ltd	
827 (Renewal)	Longozal	Takasago International Corporation (Aust Sales Office)	05/03/09
828 (Renewal)	Poly(oxy-1,2-ethanediyl), alpha, alpha', alpha"-1,2,3-propanetriyltris[omega-hydroxy-, 2-hydroxypropanoate	Ensign Laboratories Pty Ltd	05/03/09
829	Component of LME 10188	Huntsman Advanced Materials (Australia) Pty Ltd	17/03/09
830	Component of Uralane 5774 A and Uralane 5779 A	Huntsman Advanced Materials (Australia) Pty Ltd	23/03/09

831 (Renewal)	Adduct RGW	Huntsman Advanced Materials (Australia) Pty Ltd	22/03/09
832	Barium, 1, 4-ditridecyl 2- sulfobutanedioate phosphate complexes	Hewlett Packard Australia Pty Ltd	27/03/09
833	Benzotriazole Dodecyl p-Cresol	PZ Cussons Australia Pty Ltd	17/04/09
835	Fructate	Symrise Pty Ltd	27/05/09
838	Polymer in Melio Resin A-931. A-ID	Chemcolour Industries Australia Pty Ltd	26/06/09

### **3 LRCC EVALUATION –DRAFT REPORT AVAILABLE FOR PUBLIC COMMENT**

The first phase of the LRCC evaluation project is nearing completion. In this first phase the impacts on industry have been evaluated by Campbell Research - an independent consultant commissioned by NICNAS - through stakeholder interviews, case studies and an industry wide online survey.

The draft for the first phase is now available online [http://www.nicnas.gov.au/About\\_NICNAS/Reforms/LRCC\\_Evaluation.asp](http://www.nicnas.gov.au/About_NICNAS/Reforms/LRCC_Evaluation.asp). Feedback on this report is welcomed, with the comment period running until 19<sup>th</sup> August 2009. Details on how to provide feedback are available on the NICNAS website. The feedback received will then be incorporated into the final report.

For more information on this project please contact Dr Sarah Rumble on (02) 8577 8832 or by email at [sarah.rumble@nicnas.gov.au](mailto:sarah.rumble@nicnas.gov.au).

#### 4 NICNAS REGISTRATION RENEWAL 2009-10

All importers and manufacturers of relevant industrial chemicals for commercial purposes must be registered with NICNAS prior to introducing these chemicals regardless of the amount of industrial chemicals imported and / or manufactured.

The NICNAS registration year runs from 1 September to 31 August annually. The following information relates to NICNAS registration renewals for 2009-10.

##### REMINDER OF RENEWAL DEADLINE

The renewal deadline is **31 August 2009**, the date on which your current registration expires. You must renew your registration before it expires.

In July 2009, NICNAS mailed your **Renewal Tax Invoice** and Application form for renewal of registration/ non-renewal. If you are currently registered and have not yet received an invoice, please contact NICNAS on 1800 638 528.

Registrants are required to advise NICNAS of any changes to contact details contained in the Application form for renewal of registration/ non-renewal, where applicable.

A copy of this form is available on the NICNAS website at:

[www.nicnas.gov.au/Forms/Registration.asp](http://www.nicnas.gov.au/Forms/Registration.asp)

##### PENALTIES APPLY TO LATE RENEWALS

The NICNAS registration for a company lapses if it is not renewed by the 31 August 2009 deadline. Applications received after this date will be considered late renewal applications, and subject to a late renewal penalty. The late renewal penalty is calculated at 15% of the total registration cost.

This penalty is mandatory, and payment is required in addition to the registration renewal fee before NICNAS can re-instate your registration.

A late renewal application can only be processed when both the appropriate registration fee (Tiers 1,2 & 3) and charge (Tiers 2 &3 only), and the appropriate late renewal penalty, have been paid.

The following table shows the costs for late renewals for 2009-10 registration year.

<b>Registration Level</b>	<b>Late renewal penalty (rounded to nearest whole \$)</b>
Tier 1 Level	\$57
Tier 2 Level	\$228
Tier 3 Level	\$1,332

**NON RENEWALS (ie non-registrations) CARRY A RISK**

It is an offence for a person to introduce (import and/or manufacture) relevant industrial chemicals without a NICNAS registration in force. The legislation provides for severe penalties for a person who introduces relevant industrial chemicals without a current registration in place.

- **For further information, please contact NICNAS on:**
  - Free call: 1800 638 528
  - Phone: (02) 8577 8800
  - Fax: (02) 8577 8888
  - Email: [registration@nicnas.gov.au](mailto:registration@nicnas.gov.au)
  - or visit our website at [www.nicnas.gov.au](http://www.nicnas.gov.au)

## 5 PUBLICATION SUMMARY REPORT

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### ADK STAB PEP-36 Summary Report Reference No: STD/1323

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Marubeni Australia Ltd (ABN 53 000 329 699) of Level 19, 367 Collins St, Melbourne VIC 3000 has submitted a standard notification statement in support of their application for an assessment certificate for ADK STAB PEP-36. The notified chemical is intended to be used as an antioxidant in polymeric resins to make electrical appliances and components of automotive parts. Up to 15 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 very low water solubility 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 ADK STAB PEP-36:
  - Use ventilated booths during weighing
  - Use local exhaust ventilation during handling
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical as introduced in ADK STAB PEP-36:
  - Face mask or respirator suitable for respirable airborne particulates

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

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

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

#### Disposal

- The notified chemical should be disposed of to 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 an additive in polymeric resins, or is likely to change significantly;
  - the amount of chemical being introduced has increased from 15 tonnes, or is likely to increase, significantly;
  - 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 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.

## 6 PUBLICATION SUMMARY REPORT

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### 1, 3-Cyclohexanedimethanol Summary Report Reference No: STD/1332

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Dow Chemical Australia Ltd (ABN 72 000 264 979) of 541-583 Kororoit Creek Road Altona VIC 3018 has submitted a standard notification statement in support of their application for an assessment certificate for 1,3-Cyclohexanedimethanol. The notified chemical is intended to be used as a monomer component of polyester and polyol resins, which will be used for industrial coatings. Up to 100 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 classified as hazardous under the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)]. The classification and labelling details are:

- Xi: Irritant
- R41: Risk of serious damage to eyes
- S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- S39: Wear eye/face protection

#### **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**

##### *Regulatory Controls*

##### Hazard Classification and Labelling

- Safe Work Australia should consider the following health hazard classification for the notified chemical:
  - Xi: Irritant
  - R41: Risk of serious damage to eyes
- The following safety phases for the notified chemical are recommended:
  - S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
  - S39: Wear eye/face protection

- Use the following risk phrases for products/mixtures containing the notified chemical:
  - $\geq 10\%$ : R41
  - $5\% \leq \text{concentration} \leq 10\%$ : R36

### *Control Measures*

#### Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to the notified chemical as introduced in UNOXOL Diol, in the resin product and in the formulated paint products:
  - Spray application should be carried out in an enclosed automated spray booth
  - Adequate ventilation in situations where aerosols are formed or there is potential for formation of vapours during drying/curing of coatings
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical as introduced in UNOXOL Diol (during repacking and resin manufacturing) and in the resin product:
  - Avoid contact with skin and eyes
  - Avoid splashes and spills
  - Wash eye promptly if exposed
  - Do not breathe spray
  - Provision of emergency eye wash facilities
  - Avoid generation of aerosols during paint formulation and preparation
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified chemical as introduced in UNOXOL Diol and in the resin product:
  - Suitable protective clothing
  - Eye/face protection
  - Suitable gloves
  - Suitable respirators where inhalation exposure is possible

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

- Employers should implement the following measures to minimise occupational exposure to the notified chemical in the resin product and in coatings:
  - Minimise the concentration of residual notified chemical in the resin
- 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 to 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 monomer component of polyester and polyol resins, which will be used for industrial coatings, or is likely to change significantly;
  - the amount of chemical being introduced has increased from 100 tonne per year, or is likely to increase, significantly;
  - 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 product containing 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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### Polymer in Solsperse 65000 Summary Report Reference No: LTD/1391

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Orica Australia Pty Ltd (ABN 99 004 117 828) of 1 Nicholson Street Melbourne VIC 3000 has submitted a limited notification statement in support of their application for an assessment certificate for Polymer in Solsperse 65000. The notified polymer is intended to be used as a dispersant in universal tinters for paints. Up to 30 tonnes of the notified polymer will be imported per annum for each of the first five years.

#### **Hazard Classification**

Based on the available data the notified polymer is classified as hazardous under the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)]. The following risk phrase applies to the notified polymer:

- Xi; R41 Risk of serious damage to eyes

#### **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**

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

#### **Recommendations**

##### *Regulatory Controls*

##### Hazard Classification and Labelling

- Safe Work Australia should consider the following health hazard classification for the notified polymer:
  - Xi; R41 Risk of serious damage to eyes
- Use the following risk phrases for products/mixtures containing the notified polymer:
  - Conc  $\geq$ 10%: R41
  - 5%  $\leq$  conc < 10%: R36

##### *Control Measures*

##### Occupational Health and Safety

- Employers should implement the following engineering controls to minimise occupational exposure to the notified polymer as introduced:
  - Enclosed mixing vessels, where possible.

- Employers should implement the following engineering controls to minimise occupational exposure to the notified polymer during spray application:
  - Use of spray paints containing the notified polymer should be in accordance with the National Guidance Material for Spray Painting (NOHSC, 1999).
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified polymer:
  - Avoid contact with eyes.
  - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
  - Ready access to eye wash facilities.
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer as introduced, when formulating tinters and paints, or when dispensing tinters:
  - Wear eye/face protection
  - Safety goggles
  - Coveralls
  - 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 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.

#### Public Health

- Suppliers of paints containing the notified polymer and available to the public should consider labelling such products with the following precautionary statements, or similar:
  - Avoid contact with eyes.
  - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

#### Disposal

- The notified polymer should be disposed of to landfill.

#### Storage

- As the notified polymer is expected to be a C1 combustible liquid, it should be stored in accordance with the *National Standard for the Storage and Handling of Workplace Dangerous Goods* (NOHSC 2001).

### Emergency procedures

- Spills or accidental release of the notified polymer should be handled by physical containment, collection and subsequent safe disposal.
- Appropriate first aid procedures should be used if worker exposure occurs as a result of spillage.

### 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 concentration of the notified polymer in end use paint products exceeds 5%.

or

- (2) Under Section 64(2) of the Act; if
  - the function or use of the chemical has changed from a dispersant in universal tinters for paints, or is likely to change significantly;
  - the amount of chemical being introduced has increased from 30 tonnes per annum, or is likely to increase, significantly;
  - 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 product containing the notified polymer provided by the notifier was reviewed by NICNAS. The accuracy of the information on the MSDS remains the responsibility of the applicant.

## 8 PUBLICATION SUMMARY REPORT

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### Solsperse X300 Summary Report Reference No: LTD/1392

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Orica Australia (ABN 99 004 117 828) of 1 Nicholson Street Melbourne VIC 3000 has submitted a limited notification statement in support of their application for an assessment certificate for Solsperse X300. The notified polymer is intended to be used as a component of plastics and surface coatings. Up to 100 tonnes of the notified polymer will be imported per annum for each of the first five years.

#### **Hazard Classification**

Based on the available data the notified chemical cannot be 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 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**

Although the notified polymer has potential to exhibit toxicity to aquatic organisms, based on its reported use patterns it 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 polymer during weighing and charging:
  - Extraction ventilation
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified polymer during reformulation:
  - Avoid skin and eye contact
- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer:
  - Single-use chemical resistant gloves
  - Coveralls
  - Safety glasses
  - Closed or safety 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 polymer are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)] workplace practices and control procedures consistent with provisions of State and Territory hazardous substances legislation must be in operation.

#### Disposal

- The notified polymer should be disposed to landfill.

#### Storage

- The following precautions should be taken regarding storage of the notified polymer:
  - Store away from halogens and halogenated compounds

#### Emergency procedures

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

### **Regulatory Obligations**

#### **Secondary Notification**

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

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

- (1) Under Section 64(1) of the Act; if
  - the polymer has a number-average molecular weight of less than 1000; or
 or
- (2) Under Section 64(2) of the Act; if
  - the function or use of the chemical has changed from a component of plastics and surface coatings, or is likely to change significantly;
  - the amount of chemical being introduced has increased from 100 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.

## 9 PUBLICATION SUMMARY REPORT

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### Polymer in BYK 9076 Summary Report Reference No: LTD/1407

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IMCD Australia Limited (ABN 44 000 005 578) of Level 1, 372 Wellington St, Mulgrave VIC 3170, Nuplex Industries (Aust) Pty Ltd (ABN 25 000 045 572) of 49-61 Stephen Rd, Botany NSW 2019 and Akzo Nobel Pty Ltd (ABN 59 000 119 424) 115 Hyde Rd Yeronga QLD 4104 have submitted a limited notification statement in support of their application for an assessment certificate for Polymer in BYK 9076. The notified polymer is intended to be used as a polymeric dispersant in industrial coatings and a dispersant in polyols used in polyurethane foams, PVC and unsaturated polyester composite applications. Up to 30 tonnes of the notified polymer will be imported per annum for each of the first five years.

#### Hazard Classification

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

and

As a comparison only, the classification of the notified polymer using the Globally Harmonised System for the Classification and Labelling of Chemicals (GHS) (United Nations 2003) is presented below. This system is not mandated in Australia and carries no legal status but is presented for information purposes.

	<i>Hazard category</i>	<i>Hazard statement</i>
Skin irritant	3	Warning: causes mild skin irritation
Aquatic toxicity	Acute 2	Toxic to aquatic life

#### 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

On the basis of the reported use pattern, the notified polymer is not considered to pose a risk to the environment.

#### Recommendations

- The notified chemical should be classified as follows under the ADG Code:
  - Class 9: Environmentally Hazardous Substance (aquatic environment), Packing Group III

### *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 BYK 9076, and as diluted for use:
  - Spray application should be carried out in accordance with the Safework Australia *National Guidance Material for Spray Painting* [NOHSC (1999b)].
- Employers should implement the following safe work practices to minimise occupational exposure during handling of the notified chemical as introduced in the product BYK 9076:
  - Avoid contact with skin and eyes
  - Avoid inhalation of vapours, mists and aerosols
- 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 BYK 9076:
  - Wear suitable protective clothing
  - Organic vapour respirator (as needed)

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

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

#### Environment

#### Disposal

- The notified chemical should be disposed of to landfill.

#### Storage

- The following precautions should be taken by IMCD Australia Limited, Nuplex Industries (Aust) Pty Ltd, Akzo Nobel Pty Ltd regarding storage of the notified polymer:
  - Keep only in the original container.

#### 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 polymer has a number-average molecular weight of less than 1000;or
- (2) Under Section 64(2) of the Act; if
  - the function or use of the chemical has changed from a component of industrial coatings and polyols, or is likely to change significantly;
  - the amount of chemical being introduced has increased from 30 tonnes, or is likely to increase, significantly;
  - the chemical has begun to be manufactured in Australia;
  - additional information has become available to the person as to an adverse effect of the chemical on occupational health and safety, public health, or the environment.

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

### Material Safety Data Sheet

The MSDS of the notified polymer and 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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**Butanedioic acid, 1-[(1R,2S,5R)-5-methyl-2-(1-methylethyl)cyclohexyl] ester  
(INCI: Menthyl succinate)  
Summary Report  
Reference No: LTD/1409**

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Johnson & Johnson Pacific (ABN 73 001 121 446) of 45 Jones Street Ultimo NSW 2007 has submitted a limited notification statement in support of their application for an assessment certificate for Butanedioic acid, 1-[(1R,2S,5R)-5-methyl-2-(1-methylethyl)cyclohexyl] ester (INCI: Menthyl succinate). The notified chemical is intended to be used as a component of finished personal care products at a concentration of < 0.05%. Up to 0.8 tonnes of the notified chemical will be imported per annum for each of the first five years.

### Hazard Classification

The notified chemical is listed on Safe Work Australia's hazardous substance information system (HSIS) as an eye irritant with the following risk phrase:

- R41: Risk of serious damage to eyes

#### *Cutoffs:*

- Conc  $\geq$  10%: Xi; R41
- $\geq$  5%Conc < 10%: Xi; R36

Based on the available data the notified chemical is not classified as hazardous for other endpoints under the *Approved Criteria for Classifying Hazardous Substances* (NOHSC, 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 as introduced, 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 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 to 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
- (2) Under Section 64(2) of the Act; if
  - the function or use of the chemical has changed from as a component of a finished cosmetic mouthwash at a concentration of < 0.05% , or is likely to change significantly;
  - the amount of chemical being introduced has increased from 0.8 tonnes per annum, or is likely to increase, significantly;
  - 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.

## 11 PUBLICATION SUMMARY REPORT

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### Z-92 Summary Report Reference No: LTD/1411

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Lubrizol International, Inc (ABN 52 073 495 603) of 28 River Street, Silverwater NSW 2128 has submitted a limited notification statement in support of their application for an assessment certificate for Z-92. The notified polymer is intended to be used as a diesel fuel detergent at < 0.1%. Up to 1000 tonnes of the notified polymer will be imported per annum for each of the first five years.

#### **Hazard Classification**

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

#### **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**

On the basis of the reported use pattern, the notified polymer is not considered to pose a risk to the environment.

#### **Recommendations**

##### *Control Measures*

##### Occupational Health and Safety

- Employers should ensure that the following personal protective equipment is used by workers to minimise occupational exposure to the notified polymer as introduced and in the diesel fuel:
  - Coveralls
  - Gloves
  - Safety goggles
  - Respiratory protection if conditions occur where mists are likely to be generated

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

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

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

#### Disposal

- The notified polymer should be disposed of to landfill or be thermally decomposed during container reconditioning.

#### Emergency procedures

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

### **Regulatory Obligations**

#### **Secondary Notification**

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

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

- (1) Under Section 64(2) of the Act; if
  - the function or use of the chemical has changed from as a diesel fuel detergent at < 0.1%, or is likely to change significantly;
  - the amount of chemical being introduced has increased from 1000 tonne per year, or is likely to increase, significantly;
  - 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 product containing the notified polymer provided by the notifier was reviewed by NICNAS. The accuracy of the information on the MSDS remains the responsibility of the applicant.

## 12 PUBLICATION SUMMARY REPORT

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### CYMEL MI-97-IX Resin Summary Report Reference No: PLC/843

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Cytec Australia Holdings Pty Limited (ABN 45 081 148 629) of Suite 1, Level 1, 21 Solent Circuit, Baulkham Hills, NSW 2153 has submitted a polymer of low concern (PLC) notification statement in support of their application for an assessment certificate for Polymer in CYMEL MI-97-IX Resin. The notified polymer is intended to be used as a component of varnish. Up to 10 tonnes of the notified polymer will be imported per annum for each of the first five years.

#### **Hazard Classification**

No toxicological data were submitted. 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 and its eligibility as a PLC, 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.

- Spray application should be carried out in accordance with the ASCC National Guidance Material for Spray Painting [NOHSC (1999)]
- A copy of the MSDS should be easily accessible to employees.
- If products and mixtures containing the notified polymer are classified as hazardous to health in accordance with the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)], workplace practices and control procedures

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

#### Disposal

- The notified polymer should be disposed of to landfill.

#### Emergency procedures

- Spills and/or accidental release of the notified polymer should be handled by 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.
  - the Functional Group Equivalent Weight of methylolamine in the notified polymer is less than 5000.

or

- (2) Under Section 64(2) of the Act; if
  - the function or use of the notified polymer has changed from a component of varnish, or is likely to change significantly;
  - the amount of notified polymer being introduced has increased, or is likely to increase, significantly;
  - 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 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.

## 13 PUBLICATION SUMMARY REPORT

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### Polymer in RA-16-1701 Summary Report Reference No: SAPLC/97

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PPG Industries Australia Pty Ltd (ABN 82 055 500 939) of Mc Naughton Road Clayton VIC 3168 has submitted a polymer of low concern (PLC) notification statement in support of their application for a self-assessed assessment certificate for Polymer in RA-16-1701. The notified polymer is intended to be used as a component of water based basecoat automotive repair coatings. Up to 0.5 tonnes of the notified polymer will be imported per annum for each of the first five years.

#### Human Health Risk Assessment

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

#### Environmental Risk Assessment

The notified polymer is not considered to pose a risk to the environment based on the 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.

- Use of spray paints containing the notified chemical should be carried out in accordance with the ASCC *National Guidance Material for Spray Painting* [NOHSC (1999b)] or relevant State and Territory Codes of Practise.
- 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 concentration limits should be implemented by customers for release of the notified polymer to the environment:
  - Bunding

- Exhaust ventilation with filter

#### Disposal

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

#### Storage

- The following precautions should be taken by the notifiers regarding storage of the notified polymer:
  - Bunding

#### Emergency procedures

- Spills/release of the notified polymer should be handled by absorbing with sand and put into suitable containers for disposal. Contaminated containers can be reused after cleaning.
- Do not flush the product containing the notified polymer into surface water or sewer system.

### **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 a component in automotive repair coatings, or is likely to change significantly;
  - the amount of notified polymer being introduced has increased, or is likely to increase, significantly;
  - 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 notifier has provided MSDS as part of the notification statement. The accuracy of the information on the MSDS remains the responsibility of the applicant.

## 14 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.

## 15 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
841	QPP PTY LTD	4019	Hexanedioic acid, polymer with butanedioic acid, 1, 4-butanediol and 1, 6-diisocyanato hexane	ND	4000 kg	Manufacture of plant pots for commercial use	2 yrs

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

## 16 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
601	Nuplex Industries (Aust) Pty Ltd	Polymer in XPE 888-NUP	Component of adhesives
602	Fuji Xerox Australia Pty Ltd	Polymer SP-10	Component of inkjet printing toner
603	Fuji Xerox Australia Pty Ltd	Polymer SP-11	Component of inkjet printing toner
604	Cognis Australia Pty Ltd	Polymer in Versamid Pur 1010	Ingredient in flexographic printing inks at ~ 20%
605	Nuplex Industries (Aust) Pty Ltd	Polymer in Acrotex	Component of coatings for paper & cardboard
606	M-I Australia Pty Ltd	Polymer in EMI-759	Drilling fluid additive
607	Amtrade International Pty Ltd	Polymer in Optiflo L1400	Paint additive
608	Cytec Australia Holdings Pty Limited	Polymer in MACRYNAL VSM 6299w/42WA	Component of coatings
609	Nuplex Industries (Aust) Pty Ltd	Polymer in Setaqua Eco 4000	Component of water-based architectural paint
610	3M Australia Pty Ltd	Polyester Polymer in 3M Putty/Filler	Component of putty/filler for repair applications
611	Cytec Australia Holdings Pty Ltd	Daotan TW 5461	Component of coatings

612	Toyo Ink Australia Pty Ltd	Polymer in Liosyzer EB10	Component of printing inks
613	Kao (Australia) Marketing Pty Ltd	Polymer in Kao Toner CT-1	Colour pigment for industrial printing machines
614	Cytec Australia Holdings Pty Ltd	Polymer in Marcrynal SM 2708/2810	Component of industrial coatings
615	Kodak (Australasia) Pty Ltd	Polymer in Kodak Versamark FD8600 Pigment Black Ink 8088600	Component of inkjet printing ink

## 17 LOW VOLUME CATEGORY PERMITS

The permits listed in Table 3 were issued to import or manufacture the following chemicals under section 21U of the *Industrial Chemicals (Notification and Assessment) Act 1989*. Low Volume Category Permits are approved for 36 months.

**Table 3**  
**Low Volume Category Permits**

PERMIT NUMBER	COMPANY NAME	COMPANY POSTCODE	CHEMICAL OR TRADE NAME	HAZARDOUS SUBSTANCE	USE
834	DuPont (Australia) Ltd	2113	Perfluorinated Polymer in Capstone RCP	ND	Soil & stain resistant coating for carpet
838	Chemcolour Industries Australia Pty Ltd	3168	Polymer in Melio Resin A-931. A-ID	ND	Component of leather finishing agent
839	Label. M Australia Pty Ltd	2021	Siloxanes and Silicones, di-Me, 1-[[4-[3-ethoxy-2-(ethoxycarbonyl)-3-oxo-1-propenyl]phenoxy]methyl] ethenyl Me, 3-[4-[3-ethoxy-2-(ethoxycarbonyl)-3-oxo-1-propenyl]phenoxy]-1-propenyl Me, Me hydrogen (Polysilicone-15)	Yes	UV light absorbing component of finished hair products up to 2%
840	Givaudan Australia Pty Ltd	2153	Cyclopropanecarboxylic acid, 2-[1-(3,3-dimethylcyclohexyl)ethoxy]-2-methylpropyl ester	Yes	Fragrance compound
841	Akzo Nobel Pty Ltd	2164	Component of Hullgard Extra Converter	Yes	Component of paint

842	Akzo Nobel Pty Ltd	4104	Polymer in Enviroline 405HT Resin Tan Part A and Hypox RF928	ND	Epoxy resin component of protective coatings
843	International Sales & Marketing Pty Ltd	3190			

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

**18 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
<u>Tris(2-ethylhexyl) orthoborate</u>	C <sub>24</sub> H <sub>51</sub> BO <sub>3</sub>	2467-13-2
Silane, diethoxymethyl [3-(oxiranylmethoxy) propyl]-	C <sub>11</sub> H <sub>24</sub> O <sub>4</sub> Si	2897-60-1
2-Anthracenesulfonic acid, 4-[[4-(acetylmethylamino)-2-sulfophenyl]amino]-1-amino-9,10-dihydro-9,10-dioxo-, disodium salt	C <sub>23</sub> H <sub>19</sub> N <sub>3</sub> O <sub>9</sub> S <sub>2</sub> .2Na	72152-54-6
4-Formylphenylboronic Acid	C <sub>7</sub> H <sub>7</sub> BO <sub>3</sub>	87199-17-5
Phosphorodithioic acid, O,O-di-n-hexyl ester, compd with 9-octadecen-1-amine (1:1)	C <sub>18</sub> H <sub>37</sub> N.C <sub>12</sub> H <sub>27</sub> O <sub>2</sub> PS <sub>2</sub>	157184-25-3
Phosphoric acid, monobutyl ester compd with 9-octadecen-1-amine (2:1)	C <sub>18</sub> H <sub>37</sub> N.½C <sub>4</sub> H <sub>11</sub> O <sub>4</sub> P	157184-26-4
Phosphoric acid, dibutyl ester compd with 9-octadecen-1-amine (1:1)	C <sub>18</sub> H <sub>37</sub> N.C <sub>8</sub> H <sub>19</sub> O <sub>4</sub> P	157184-27-5
Alcohols, C11-14-iso-, C13-rich, propoxylated	Unspecified	159653-49-3
Hexanedioic acid, polymer with 1,3-bis(1-isocyanato-1-methylethyl)benzene, 2-ethyl-2-(hydroxymethyl)-1,3-propanediol, 1,6-hexanediol, 3-hydroxy-2-(hydroxymethyl)-2-methylpropanoic acid and 2-methyl-1,5-pentanediamine, compd. with N,N-diethylethanamine	(C <sub>14</sub> H <sub>16</sub> N <sub>2</sub> O <sub>2</sub> .C <sub>6</sub> H <sub>16</sub> N <sub>2</sub> .C <sub>6</sub> H <sub>14</sub> O <sub>3</sub> .C <sub>6</sub> H <sub>14</sub> O <sub>2</sub> .C <sub>6</sub> H <sub>10</sub> O <sub>4</sub> .C <sub>5</sub> H <sub>10</sub> O <sub>4</sub> ) <sub>x</sub> .xC <sub>6</sub> H <sub>15</sub> N	160901-87-1
<u>1,3-Isobenzofurandione, hexahydromethyl-, polymer with 2,2-bis(hydroxymethyl)-1,3-propanediol, oxirane and hexahydrobenzofurandione</u>	(C <sub>2</sub> H <sub>4</sub> O).(C <sub>8</sub> H <sub>10</sub> O <sub>3</sub> ). (C <sub>5</sub> H <sub>12</sub> O <sub>4</sub> ).(C <sub>9</sub> H <sub>12</sub> O <sub>3</sub> ) <sub>x</sub>	169276-17-9
2-propenoic acid, 2-methyl-, 2-hydroxyethyl ester, polymer with dichlorodimethylsilane, dichlorodiphenylsilane, methyl 2-methyl-2-propenoate, trichloromethylsilane, trichlorophenylsilane, 3-(triethoxysilyl)-1-propanamine and 3-(trimethoxysilylpropyl 2-methyl-2-propenoate(polyalkylphenylsilane)	(C <sub>12</sub> H <sub>10</sub> Cl <sub>2</sub> Si.C <sub>10</sub> H <sub>20</sub> O <sub>5</sub> Si.C <sub>9</sub> H <sub>23</sub> NO <sub>3</sub> Si.C <sub>6</sub> H <sub>10</sub> O <sub>3</sub> .C <sub>6</sub> H <sub>5</sub> Cl <sub>3</sub> Si.C <sub>5</sub> H <sub>8</sub> O <sub>2</sub> .C <sub>2</sub> H <sub>6</sub> Cl <sub>2</sub> Si.CH <sub>3</sub> Cl <sub>3</sub> Si) <sub>x</sub>	189303-03-5

1,4-Benzenedicarboxylic acid, 2-[[2-oxo-1-[[[(1,2,3,4-tetrahydro-7-methoxy-2,3-dioxo-6-quinoxalinyloxy)amino]carbonyl]propyl]azo]-, dimethyl ester	$C_{23}H_{21}N_5O_9$	220198-21-0
Siloxanes and silicones, dimethyl, 3-hydroxypropyl methyl, ethoxylated propoxylated, polymers with tert-butyl acrylate and methacrylic acid	Unspecified	248935-80-0

**19 NOTICE OF CHEMICALS ELIGIBLE FOR IMMEDIATE LISTING ON THE AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES AFTER ISSUING OF ASSESSMENT CERTIFICATES**

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

**Table 5**

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

<b>CHEMICAL NAME</b>	<b>MOLECULAR FORMULA</b>	<b>CAS NUMBER</b>
Urea, polymer with formaldehyde and 1,3,5-triazine-2,4,6-triamine, isobutylated	$(C_3H_6N_6 \cdot CH_4N_2O \cdot CH_2O)_x$	110053-48-0
2-Propenoic acid, telomer with butyl 2-propenoate, 2-carboxyethyl 2-propenoate, 1,10-decanediyl di-2-propenoate, 1-dodecanethiol and ethenylbenzene	$(C_{16}H_{26}O_4 \cdot C_8H_8 \cdot C_7H_{12}O_2 \cdot C_6H_8O_4 \cdot C_3H_4O_2)_x \cdot C_{12}H_{26}S$	292629-36-8