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Environment Protection Act 1970 Act No. 8056/1970

INDUSTRIAL WASTE MANAGEMENT POLICY (PRESCRIBED INDUSTRIAL WASTE)

Prescribed Industrial Waste – Classification by Hazard

Pursuant to clause 11(1) of the 'Industrial Waste Management Policy (Prescribed Industrial Waste)' and in accordance with the criteria presented in Schedule 1 of that policy, the Environment Protection Authority Victoria ('EPA') hereby classifies the prescribed industrial wastes specified in Section 3 below based on the hazard posed by the waste to human health and the environment.

1. CLASSIFICATION NUMBER

2007/013

2. OCCUPIER AND PREMISES TO WHICH THIS CLASSIFICATION APPLIES

- Evonik Degussa Australia Pty Ltd ('the occupier')
- Premises address: 30 Commercial Drive, Dandenong South ('the premises')

3. PRESCRIBED INDUSTRIAL WASTE TO WHICH THIS CLASSIFICATION APPLIES

3.1 This classification applies to the following prescribed industrial wastes that have been generated at the premises.

- Filter cake generated in accordance with the methodology specified in the Application for Classification by EPA for Degussa Australia Pty Ltd Filter Cake submitted to EPA on 2 October 2007 ('the Application'):
 - containing barium with:
 - a total concentration not exceeding the TC2 threshold specified in section 4.4 of the Prescribed Industrial Waste Classification by Hazard for Barium and Barium Compounds, 29 June 2007; and
 - leachable concentrations not exceeding the ASLP1 threshold specified in section 4.4 of the Prescribed Industrial Waste Classification by Hazard for Barium and Barium Compounds, 29 June 2007; and
 - containing copper with:
 - a total concentration not exceeding the TC2 threshold specified in Appendix 3 of EPA Publication 996, Guidelines for Hazard Classification of Solid Prescribed Industrial Wastes, 2005 (as amended from time to time) ('EPA Publication 996'); and
 - a leachable concentration not exceeding the ASLP1 threshold specified in Appendix 3 of EPA Publication 996; and
 - containing di(2-ethylhexyl)phthalate with:
 - a total concentration not exceeding the TC2 threshold specified in Appendix 3 of EPA Publication 996; and
 - a leachable concentration not exceeding the ASLP1 threshold specified in Appendix 3 of EPA Publication 996; and
 - containing any other contaminants where contaminant concentrations and leachable concentrations do not exceed any TC1 or ASLP1 thresholds specified in Appendix 3 of EPA Publication 996; and

SPECIAL

- that does not display any of the specific hazard characteristics listed in Appendix 2 of EPA Publication 996.

4. PERIOD OF VALIDITY

This classification commences on 12 November 2007 and is effective until 31 Aug 2008 unless it is revoked or varied by the EPA before that date.

5. HAZARD CLASSIFICATION

Filter cake that has been managed in accordance with the conditions of this classification (as set out in Section 6 below) is classified as Category C prescribed industrial wastes.

6. CONDITIONS OF CLASSIFICATION

Filter cake referred to above ('wastes') is only classified as Category C wastes if all of the following conditions have been met.

Waste assessment, treatment and disposal requirements

- 6.1 Wastes destined for landfill must not contain any free liquid as determined by method 9095A 'Paint Filter Liquid Test' in the Test Methods for Evaluating Solid Wastes – Chemical / Physical Methods (USEPA 1997).
- 6.2 Wastes destined for landfill must not be mixed or contaminated with any other prescribed industrial waste as listed in Part B of Schedule 1 to the Environment Protection (Prescribed Waste) Regulations 1998.
- 6.3 Wastes may only be disposed to a facility licensed by EPA to accept Category C prescribed industrial wastes in accordance with a classification issued by EPA.

Sampling and analysis

- 6.4 The occupier must carry out sampling and analysis of the wastes in accordance with Schedule 1 to this classification.
- 6.5 The sampling of wastes must be carried out in accordance with EPA Publication 441, A guide to the Sampling and Analysis of Waters, Wastewater, Soils and Waste, 2000 (as amended from time to time).
- 6.6 The analysis of wastes to determine the hazard category must be carried out in accordance with EPA Publication 996.

Monitoring and reporting

- 6.7 By the end of each month, the occupier must provide to EPA, Waste Management Unit, a report for the previous month that includes:
 - a) the total quantity of wastes disposed to landfill; and
 - b) analysis results for all of the analyses required in Schedule 1.
- 6.8 By 29 February 2008, the occupier must provide to EPA, Waste Management Unit, a written report that includes a plan for initiatives to reduce the volume and hazard of the wastes.

Notification and record keeping

- 6.9 The occupier must keep a copy of all analysis results for wastes for at least five years.
- 6.10 The occupier must immediately notify EPA in writing of any wastes that do not meet the requirements of this classification.

7. NOTE

This classification may be amended or revoked by the EPA by way of written notice in the Victoria Government Gazette. Current classifications can also be found on EPA's website at www.epa.vic.gov.au

Schedule 1: Sampling and analysis requirements

Period	Sample Requirements	Frequency	Analytical Parameters
12 Nov 07 – 31 Aug 08	One grab sample of filter cake from each load sent to landfill over one month combined into a composite sample.	Once in Jan 2008	<p>Analysis of total contaminant concentrations for the following contaminants listed in Appendix 3 of EPA Publication 996:</p> <ul style="list-style-type: none"> ● all inorganic species excluding asbestos and tributyltin oxide ● C6–C9 petroleum hydrocarbons ● C10–C36 petroleum hydrocarbons ● phthalates. <p>Analysis of leachable concentrations for all of the above contaminants with total concentrations greater than 20 times the ASLP1 threshold in Appendix 3 of Publication 996.</p>
12 Nov 07 – 31 Aug 08	One grab sample of filter cake per week, combined into a monthly composite sample.	Once for each month	<p>Analysis of total contaminant concentrations and leachable concentrations for the following contaminants listed in Appendix 3 of EPA Publication 996:</p> <ul style="list-style-type: none"> ● all inorganic species excluding asbestos and tributyltin oxide ● Di-(2-ethylhexyl)phthalate.

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