

HAZMAT 2008

A two-day conference on the latest directions and compliance requirements for chemicals, hazardous substances and dangerous goods

15 & 16 May 2008
The Sebel Albert Park, Melbourne

PROGRAM & REGISTRATION

Major Conference Sponsor



Supported by



Australasian Institute of Dangerous Goods Consultants

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Attendance Benefits

As a delegate at HazMat 2008 you will gain an insight and understanding of the latest issues facing the industry, providing you with the knowledge to develop a proactive approach towards the future of your sector. Importantly the conference will also present the opportunity to build essential networks with professionals across key areas of the hazardous material and chemical industry.

Hazmat 2008 is designed by the Fire Protection Association Australia (FPA Australia) in affiliation with key chemical industry, professional and community associations.

The Hazmat 2008 Program

This year's conference speakers will cover a variety of topics spanning the entire hazmat industry. Presentations will be complemented with panel discussions, convened by industry leaders and experts.

Key Note Speaker

Ken Price Riskom International Pty Ltd, a Risk Communication, Dangerous Goods Safety Consultant, who participates on the United Nations Sub-Committee of Experts on the Transport of Dangerous Goods.

Ken Price has over thirty years experience in international and Australian policy development, safety management and regulation in the area of dangerous goods (chemicals) and explosives safety. This includes: ten years as Director of the Western Australian government division administering public safety legislation; Chairing the Australian Advisory Committee for the Transport of Dangerous Goods, which drafted the 6th Edition of the ADG Code; Participating in the Australian dangerous goods delegation to the United Nations in various capacities, from technical advisor to head of delegation.

He now runs his own consultancy auditing, advising and lecturing around the world on dangerous goods safety. Ken has continued his support of the Australian delegation to the United Nations Sub-Committee of Experts on the Transport of Dangerous Goods.

Day One

- Australian and International Chemical Management
- Reviews of Existing and Proposed Chemical Regulations
- Chemical Issues causing Concern
- Environment & Sustainability Proposals

Day Two

- Risk Assessment
- Major Hazards
- Dangerous Goods
- Security
- Training
- Nanoparticles

Download conference speaker profiles from the FPA Australia website: www.fpaa.com.au/events.



Who Should Attend

- Professionals involved in the production of regulations and codes
- Personnel involved in storage, handling or transportation of dangerous goods
- Specialists responsible for approval, classification and labelling of hazardous substances.
- Emergency services personnel
- Company specialists and agents
- Government authorities
- Industry consultants
- Community participants

Network Opportunities

HazMat 2008 presents numerous opportunities for networking with professionals across all aspects of hazardous materials and chemicals regulatory requirements.

Sponsorship & Exhibition Opportunities

There are still sponsorship opportunities and exhibition spaces available for Hazmat 2008. Both offer your business excellent exposure to industry colleagues. To obtain more information, or the sponsorship and exhibition brochure, visit the FPA Australia website: www.fpaa.com.au/events.

Presented by the Fire Protection Association Australia

FPA Australia is a not for profit technical and educational organisation enhancing the understanding of fire risk and the advancement of fire and emergency safety.

Appropriate choice of chemicals and effective systems for their management, significantly reduce the risk of a fire or emergency. FPA Australia's mission is to protect the Australian community from fire and emergencies, through education and representation. For more information visit www.fpaa.com.au.

Morning Thursday 15 May 2008

Australian and International Chemical Management

8:45 – 8:55

Conference opening: Pieter Rienks

Director, Hazard Management Division in WorkSafe Victoria.

Responsible for regulating Victorian industry under the Occupational Health and Safety Act and for regulating the hazardous industries: Major Hazard Facilities, and Mining.

“Improving safety performance by learning from experience.”

8:55 – 9:00

Morning Chairperson: Geoff MacAlpine

Director, Industry Development – Chemicals, PACIA.

9:00 – 9:25

Review of the Australian Chemical and Plastics Regulations March 2008 Draft Report

Speaker: Mike Woods, *Presiding Commissioner, Australian Government Productivity Commission.*

This Presentation / Workshop covers:

What duplication and inconsistency of chemicals and plastics regulations have been identified within Australia?
What effect of these regulations has been found on economic, public health and safety, occupational health and safety, and environmental outcomes?

The outcomes from the examination of efficiency of existing arrangements for security-sensitive ammonium nitrate will be presented. The draft report will be available in March 2008.

9:25 – 9:50

NICNAS Current review and reform activities

Speaker: Dr. Marion Healy, *Director, NICNAS.*

NICNAS review and reform activities aim to facilitate the use of safer chemicals and improve the efficiency and effectiveness of procedures to introduce new chemicals. Learn about the current status of reviews of priority existing chemicals, such as for triclosan; phthalate plasticisers; and flame retardants.

Hear the outcomes of reforms to notification and assessment requirements, that realign regulation of chemicals in cosmetics and that finalise reforms for low regulatory concern chemicals. How might changes to overseas schemes impact on Australian companies? E.g. the EU REACH and the proposed North American schemes.

9:50 – 10:15

NZ HSNO Legislation – What should Australian companies be doing now?

Speaker: Andrea Eng, *General Manager Hazardous Substances, ERMA New Zealand.*

New Zealand’s hazardous substances legislation requires all substances imported into, or manufactured in, New Zealand to be covered by a HSNO approval. New products must be classified according to the HSNO criteria (based on the GHS) and assigned to a group standard.

Conditions on a group standard approval include the requirement to notify ingredients not on the New Zealand Inventory and from 1 July 2008, the conditions for labelling, safety data sheets, signage and packaging must be met.



10:15 – 10:30

Panel with Mike Woods, Dr. Marion Healy and Andrea Eng.

10:30 – 11:00

Morning Tea

11:00 – 11:25

Progress on the Australian Workplace Hazardous Chemicals Framework

Speaker: Peter Haynes, *Director, Chemical Standards, Office of the ASCC.*

What changes have been made to the original 2006 WHCF proposal?

What Australian documents are due for comment?

What are the key changes in the GHS 2nd revised edition 2007?

What is the proposed new implementation timeline for the Workplace Hazardous Chemicals Framework?

11:25 – 11:50

GHS International Implementation - What does Australia need to do beyond Industrial Chemicals?

Speaker: Greg Hooper, *Office of Chemical Safety.*

What is happening internationally for implementing GHS beyond industrial chemicals?

What level of international harmonisation is likely to be achieved?

What are the national and global challenges of GHS implementation in this area?

How might the GHS apply to Domestic Use Chemicals and Agricultural Chemicals?

What sort of changes to their labels may be required?

11:50 – 12:15

Harmonising the GHS Timeline with our Trading Partners

Speaker: Geoff MacAlpine, *Director, Industry Development – Chemicals, PACIA.*

What should be Australia’s timeline for implementation of GHS classification and labelling?

The European Commission has proposed full implementation by 2015. The UK Health and Safety Executive has identified that a key benefit is reduced costs to trade in the long term. North America is yet to identify an implementation schedule. Who are Australia’s major trading partners?

How will the GHS impact on trade?

How can Australia maximise the benefits of the GHS whilst minimising the implementation costs?

12:15 – 12:30

Panel with Peter Haynes, Greg Hooper and Geoff MacAlpine.

12:30 – 13:40

Lunch

Afternoon Thursday 15 May 2008

Australian and International Chemical Management

13:40 – 13:45

Afternoon Chairperson: Bronwyn Capanna

Executive Director, Accord Australasia (Advocate for the Consumer, Cosmetic, Hygiene and Specialty Products Industry).

13:45 – 14:10

What Chemical Issues are Dropping through the Cracks of Our Chemical Control Schemes?

Speaker: *Dr. Mariann Lloyd-Smith, National Toxics Network.*

The community is concerned about articles that contain or release hazardous ingredients that the Australian chemical control schemes don't effectively cover, or that are missed coming into Australia.

Examples: Phthalate plasticisers and Brominated fire retardants released from products; Nanoparticles in consumer products; Lead paint on children's toys; Triclosan as an antibacterial in many household articles and cosmetics.

International action and improved product stewardship is needed by industry and government for these products.

Dr. Mariann Lloyd-Smith is the Co-Chair of the International Persistent Organic Pollutants Elimination Network.

14:10 – 14:35

How Do Australian Chemical Control Systems Handle Chemical Issues of Concern?

Speaker: *Dr. Margaret Hartley, Director, Principal Scientist, Office of Chemical Safety.*

How are concerns about hazardous chemicals dealt with within the regulatory system?

How are emerging issues in chemical safety identified and addressed?

How are chemicals that are released from articles regulated?

What tools does the OCS and others have to manage these issues?

How is chemical cooperation internationally developing with regards to identification of emerging safety issues, etc?

14:35 – 14:45

Panel with Dr. Mariann Lloyd-Smith and Dr. Margaret Hartley.

14:45 – 15:15

Afternoon Tea

15:15 – 15:40

National Framework for Chemicals Environmental Management (NChem)

Speaker: *Dr. Barry Reville, Assistant Secretary, Environment Protection Branch, Commonwealth Department of the Environment, Water Heritage and the Arts.*

Australian Environment Ministers have endorsed a new national approach for better managing the environmental impacts of chemicals. National Chemicals Environmental Management is to deliver increased consultation on environmental risk assessments, more consistency in applying environmental controls, better feedback on chemical behaviour in the environment and more transparent priority setting.



How will NChem work and how will it relate to the existing chemicals regulatory framework and major international initiatives such as SAICM and GHS?

15:40 – 16:05

Sustainability & Waste Disposal Issues

Speaker: *Terry A'Hearn, Director, Sustainable Development, Vic Environment Protection Authority.*

The Victorian EPA sees itself as implementing innovative regulatory reform. Two areas are:

1. The Environment and Resource Efficiency Plans program is a new regulatory scheme that will apply to large users of energy and water, who will be required to assess their environmental resource use and waste generation, then develop and report on implementation of an action plan. Other States are considering a similar approach. All businesses will be expected to work to these principles. This is an opportunity to move to less hazardous chemicals (from a sustainability perspective).
2. Hazardous Waste Disposal and Long Term Waste Containment. How have the hazard classification and banned items worked?
Have there been illegal dumpings of waste due to the increased cost of disposal?
E.g. End-of-life Perchloroethylene from Dry Cleaners found dumped?
How long are our existing facilities expected to operate for?

16:05 – 16:30

PACIA Sustainability Leadership Framework

Speaker: *Maree Lang, Director, Industry Development – Sustainability.*

The PACIA Sustainability Leadership Framework is being developed to provide a strategic approach to sustainability. This work will provide the platform for PACIA to deliver programs, tools and policy, and for members to take leadership actions in sustainability (e.g. cutting energy use, eliminating waste, delivering water efficiency, ensuring health & safety, and enhancing knowledge and skills).

16:30 – 16:50

Panel with Dr. Barry Reville and Maree Lang.

16:50 – 17:00

Day One closing comments

17:00 – 18:30

Social drinks, finger food and networking in the exhibition area

Morning Friday 16 May 2008 Risk Assessment, Major Hazards, Dangerous Goods, Security & Training

8:30 – 8:40

Opening and Morning Chairperson: John Borig

Noel Arnold & Associates: Consultant to National Transport Commission on ADG 7.

The keys to handling chemical issues safely are knowledge, planning and commitment. Without unwavering commitment from senior management down, based on a sound understanding of the relevant issues, and trained and competent specialists with the authority to ensure that what is needed is done, what can go wrong will go wrong. Consider how we might change our industry, authorities and educational institutions to address this.

8:40 – 9:15

Transport of Dangerous Goods around the World

Speaker: Ken Price, Riskom International Pty Ltd (see bio page 2).

The process of world Regulatory Harmonisation for Dangerous Goods.

What further serious effect categories may be considered to be included in the future?

Other countries' use of the North American Emergency Response Guidebook Online (ERGO) 2008.

Concerns over "light weight" and remanufactured intermediate bulk containers (IBCs). The Global System for Limited Quantities and Consumer Commodities of Dangerous Goods.

Development of new or improved means of containment for dangerous goods, to mitigate the consequences of accidents.

An effective system needs competent persons through the whole Dangerous Goods transport chain.

9:15 – 9:40

MHF Lessons from Victoria, BP Texas and Buncefield

Speaker: Pieter Rienks, Director, Hazard Management Division in WorkSafe Victoria.

WA, SA and NSW are just starting to implement Major Hazard Facility (MHF) Regulations. The Tier two below MHF, from 10-99% quantities, are also being considered by the ASCC.

Hear the Victorian experience on round two licensing, to help you manage significant quantities of Dangerous Goods using the Safety Case risk assessment and control approach. Victoria has started its first renewal of MHF Licences – learn from our experience.

What are the major findings and key issues out of the BP Texas and Buncefield disaster reports?

9:40 – 10:05

Workplace Chemicals - Assessing Disease, High Frequency and High Consequence Risk

Speaker: Ross Bootes, Hazard Management Division, Worksafe Victoria.

By 2010 our current separate Dangerous Goods and Hazardous Substance Regulations are expected to have been combined as part of the move to the GHS approach.

Worksafe Victoria has been examining the options on how to allocate resources to reflect the risk from workplace chemicals. A particular focus has been to reduce the reliance on compensation claims data for targeting interventions.

There are 4 Risk Factors that need to be assessed: Occupational Disease, Major Incidents, High Frequency Risks and the community perception of chemical risk.



10:05 – 10:20

Panel with Ken Price, Pieter Rienks and Ross Bootes.

10:20 – 10:50

Morning Tea

10:50 – 11:15

Risk Assessment: What does the proposed Hazardous Chemicals Regulation expect?

Speaker: Barry Pratt, Consultant, Dangerous Goods & Hazardous Substances Legislation & Management.

There is concern from experienced dangerous goods managers that the proposed Workplace Hazardous Chemicals Framework will reduce the perceived requirement for an adequate risk assessment for dangerous goods being stored and handled.

Does the proposed Workplace Hazardous Chemicals Framework adequately highlight the sort of risk assessment that is really needed for dangerous goods being stored, handled and used?

11:15 – 11:40

Implementing the Australian Dangerous Goods Code 7th Edition

Speaker: Adrian Simonetta, Dangerous Goods Manager, Worksafe Victoria.

How and when will ADG7 be implemented in each State?

Will interstate and inter-modal consistency be achieved?

What transitional arrangements are there?

What are the implications for producers, consignors and transporters of Dangerous Goods?

How will Environmentally Hazardous classified Dangerous Goods be transported around Australia (including Tasmania)?

What are the important State discrepancies?

Note: Key ADG6 to ADG7 changes are detailed in the Information Guide (end of Book 2).

11:40 – 12:05

Chemicals of Security Concern: Getting the Balance Right

Speaker: Dr. Rob Floyd – Assistant Secretary Chemical, Biological, Radiological and Nuclear Security - National Security Division - Dept. Prime Minister and Cabinet.

Why should any chemicals be considered to be of security concern?

How do we manage the security of these chemicals and keep the control costs down?

Are there to be similar controls to those that PACIA has helped to develop for managing drug precursors or for the control of Chemical Weapons?

The COAG draft is out for public comment until 4th April 2008.

12:05 – 12:20

Panel with Barry Pratt, Adrian Simonetta and Dr. Rob Floyd.

12:20 – 13:30

Lunch

Afternoon Friday 16 May 2008
Risk Assessment, Major Hazards,
Dangerous Goods, Security & Training

13:30 – 13:35

Afternoon Chairperson: Peter Sommers

Managing Director, Merck Pty Ltd & Chair, RACI Victorian Health, Safety and Environment Group.

13:35 – 14:00

Ammonia Accidents (or Are They?)

Speaker: *Chris Watt, MFB Dangerous Goods Executive Manager and Chairman of the Ammonia Taskforce.*

Accidental releases of Ammonia are the third most frequent dangerous material involved in an emergency in Victoria. Releases are from refrigeration installations mainly from valve failures and maintenance shortcomings. The real causes are work practices and “Aussie Improvisation” where back yard business has grown into a significant ammonia refrigeration based industry.

An Ammonia Taskforce has been set up to focus on the importance of having competent staff on-site, as well as qualified maintenance contractors, risk management, OHS and ammonia emergency response plans at hand.

14:00 – 14:25

Uncontrolled Release of Lead Carbonate in WA: What Needs to be Changed?

Speaker: *Jane Bremmer, WA National Toxics Network, Member of NICNAS Community Engagement Forum*

This incident has again illustrated the dangers posed when companies and regulators lack knowledge and expertise to protect public health and the environment from the dangerous release of toxic materials.

What were the reasons that Lead Carbonate was released into the environment?

Why was such a dangerous chemical transported in the manner it was?

What were the key outcomes from the WA Parliament Education and Health Standing Committee?

What needs to be done so that the environment and public health is protected from such incidents occurring?

14:25 – 15:00

Workshop Session: How Should We Train Our Professional & Technical People in Hazmat Regulations, Compliance and Application?

Speaker: *Dr. Susanne Tepe, Associate Professor of OH&S, RMIT University.*

A ten minute presentation followed by a 25 minute group discussion. Summary comments and key details are to be recorded and shared with Industry, Authorities, and Institutions.

Key Questions:

How do we train our professionals and technical people?

How do we discern the adequacy of our information?

Do peer networks need to be developed further?

How do we capture our existing knowledge and train up the next generation of experts?

How do we ensure that the people who make the decisions have the right skills and information?



15:00 – 15:30

Afternoon Tea (Last chance to see the exhibitions)

15:30 – 15:55

Fabricating and Handling Nanoparticles in Industry

Speaker: *Prof Terry Turney, Centre for Green Chemistry, Monash University is also CEO of Asia Nanomaterials which has expertise in production and applications of nanoparticles and nanocomposites, biomimetic materials and nanotoxicology issues within the manufacturing sector.*

The lack of reliable data on health, safety and environmental effects of nanoparticles, and some indication that certain nanoparticles may be hazardous, is prompting community concerns about engineered nanomaterials.

Hear what industry safeguards can be adopted to fabricate, handle, use and dispose of Nanomaterials safely to address these concerns.

15:55 – 16:20

Practical Protocols for Nanoparticles of Concern

Speaker: *Dr. Paul Wright, Associate Professor of Immunotoxicology and Unit Leader of Toxicology, in the School of Medical Sciences, RMIT-University.*

Speaker: *Dr. Neale Jackson, Senior Lecturer in Occupational Health and Safety in the School of Applied Science at RMIT University.*

Dr. Paul Wright is the Coordinator of “NanoSafe Australia”, of which Dr. Neale Jackson is also a member.

Nanoparticles have increased surface area and surface activity which may cause significant changes.

How does this change routes of exposure, mechanisms of toxicity and potential adverse health outcomes and factors which may regulate toxicity?

Various Health and Safety practical protocols developed and implemented in order to reduce exposure to Nanoparticles of Concern (NPOCS) are examined, based on practical experience in conducting OHS audits of R&D facilities using NPOCS.

16:20 – 16:35

Panel with Prof Terry Turney, Dr. Paul Wright and Dr. Neale Jackson

16:35 – 16:45

Day Two closing comments

16:45 – 17:30

Social drinks and networking. Drinks may be purchased.

Booking Form

Select Accommodation Requirements

Please indicate your preference by placing a tick beside your room type and rate of choice. All rates include GST and are valid for no more than two people per room. Please note that the allocation of smoking and non-smoking rooms is at the final discretion of the hotel. Hotel rooms and rates are subject to availability at time of booking.

Room type	<input type="checkbox"/> Single	<input type="checkbox"/> Double	<input type="checkbox"/> Twin	<input type="checkbox"/> Non-smoking room preferred
Room Rate	<input type="checkbox"/> Citigate (3.5 star)	\$129.00	Single/Double/Twin available	
	<input type="checkbox"/> Sebel Superior Queen (4.5 star)	\$169.00	Single/Double/Twin available	
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	<input type="checkbox"/> Sebel Executive King (4.5 star)	\$209.00	Single/Double available	

Guest Details

Name: _____ Organisation: _____

Mailing Address: _____

State: _____ Post Code: _____

Phone: _____ Fax: _____ Mobile: _____

Email: _____

Arrival Date (DMY): ____ / ____ / 2008 Departure Date (DMY): ____ / ____ / 2008

Additional Guest Name: _____

Arrival Date (DMY): ____ / ____ / 2008 Departure Date (DMY): ____ / ____ / 2008

Credit Card Guarantee

Please guarantee my reservation to the following credit card (I understand that payment will not be deducted by OzAccom, however in the event that I no-show or cancel my booking within 48 hours of the date of arrival, the hotel may charge a no-show or cancellation fee).

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65 Queens Road, Melbourne VIC 3004

T: 03 8554 2812

E: sally_kay@mirvac.com.au

W: www.mirvac.com.au

Delegate Details

Name: _____ Position: _____

Organisation: _____

Mailing Address: _____

State: _____ Post Code: _____

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For networking purposes, I authorise my contact details to be shared with others who also agree to share Yes No

Which of the following organisations do you belong to?

FPA Australia DGAG Accord RACI PACIA
 AFAC AIOH AIDGC APMF ID No: _____

Registration Type

Full Conference Registration

Member \$700
 Non Member \$800
 Distance \$600*

A Full Conference Registration includes:

- Attendance at all sessions
- Catering: arrival tea/coffee, morning and afternoon tea and a standing lunch
- Attendance at networking drinks and finger food on Day One
- CD of Proceedings
- Delegate pack

* A distance discount is available to delegates whose place of residence is in excess of 200km from the conference venue

Day Conference Registration

Thursday May 15 Member \$400
 Thursday May 15 Non Member \$460
 Friday May 16 Member \$400
 Friday May 16 Non Member \$460

A Day Conference Registration includes:

- Attendance at all sessions on day of registration
- Catering: arrival tea/coffee, morning and afternoon tea and a standing lunch
- Attendance at networking drinks and finger food on Day One
- CD of Proceedings
- Delegate pack

Method of Payment

Application to be forwarded with full payment

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Cancellation Policy

All cancellations must be made in writing to FPA Australia. If a cancellation is received by Friday 25 April 2008, a full refund will be made, less a \$66 administration fee. If received after Friday 25 April 2008, no refund will be payable. However substitutes will be permitted.

To submit your registration, please return this form to:

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