

Managing chemicals safely

People are exposed to chemicals at work, in the home and in the wider environment. There is much concern about possible health effects and a wide range of regulations has been developed to control exposure to chemicals and the associated risks to health. These include the new EU chemical regulatory regime - **Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (REACH)**. In the future, chemicals will only be available for specified uses, if an appropriate risk assessment has been undertaken and suitable measures are in place to protect both people and the environment.



The IOM Solution

We support individual companies, government and industry in the management of risks posed by chemicals in the workplace, in consumer products and in the wider environment. We provide a huge range of services ranging from laboratory analysis through to epidemiological research to investigate the impact of specific chemicals on health at work or the general environment. Our clinical, occupational hygiene and analytical services provide reliable information leading to improved risk management within individual businesses. Our authoritative, multidisciplinary reviews help industry and other organisations consider the likely health hazards and risks from chemical exposures in their strategic planning, in submissions to regulatory authorities and improving their workplaces and products.

RESEARCH CONSULTING SERVICES

Multi-disciplinary specialists in Occupational and Environmental Health and Hygiene

The IOM and chemical risk management

IOM's occupational physicians, occupational hygienists, epidemiologists and environmental consultants provide practical help and solutions. The examples below provide a flavour of how our expertise in chemicals and health can help you.

We have carried out product safety reviews to assess the health risks associated with the supply of drinking water in PVC pipes and the manufacture and use of MDF. We regularly advise the pharmaceutical industry on the setting of Occupational Exposure Limits (OELs). Our work extends to environmental protection, where we have reviewed air quality guidelines for the Environment Agency and assessed the health risks associated with brominated fire retardants. We undertake exposure measurement surveys to provide data for Risk Assessment Reports prepared under the EU Existing Substances Regulations.

Our Commitment to You

The IOM are leading experts in the measurement and assessment of exposures to chemicals, chemical risk assessment and chemical risk management. We pride ourselves in providing our clients with efficient, cost effective advice including practical solutions for small businesses as well as work for multinationals and regulatory authorities.

Our chemical safety services include:

- COSHH assessments
- Laboratory analysis
- Occupational hygiene measurements
- Exposure modelling (workplace consumer and/or community exposure)
- Advice on control measures in workplaces;
- Risk assessment (workplace, consumer and/or environmental exposure to chemicals)
- Toxicity reviews
- Determination of appropriate occupational exposure limits
- MSDS preparation
- Preparation and support for REACH (human exposure and health)
- Advice on risk management
- Strategy and policy advice
- Provision of expert witness evidence at tribunals or in civil litigation
- Prediction of health impacts and advice following accidental exposures to hazardous substances
- Independent commentary on industry produced reviews.
- Research into exposure to chemicals (by inhalation, skin contact and ingestion) and the impact of exposure on health

Did you know?

You are only a phone call or a mouse click away from accessing the full range of **IOM Solutions**. These are founded on an unrivalled body of knowledge, resulting from more than three decades of research, consulting and service provision. We can bring the full weight of the IOM's knowledge and experience to bear on a wide range of occupational and environmental hazards that may pose a risk to health. These include:

- Asbestos and other fibres
- Dusts
- Chemicals
- Air pollution
- Noise and vibration
- Pesticides
- Nanomaterials, including nanoparticles and nanotubes

Our work extends to the assessment of the health consequences of exposure encompassing

- Allergy and asthma
- Silicosis and other pneumoconioses
- Other lung diseases
- Cancer
- Asbestos-related diseases
- Dermatitis
- Musculoskeletal disorders
- Noise-induced hearing loss
- Hand Arm Vibration Syndrome
- Workplace stress

Our purpose is to safeguard and improve standards of occupational and public health. Our teams of scientists, clinicians and consultants include a number with international reputations in their fields of expertise. We give you access to real experts, who listen, understand, and focus on providing the solutions you seek.

For further information please contact:

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