

ENVIRONMENTAL ASSESSMENT OF CHEMICALS

bre



BRE advises clients on the environmental risks associated with the production, use and disposal of chemicals. We have extensive expertise in the field and act as advisors to the Environment Agency, and work on EU and OECD chemicals programmes.

Our services include supplying chemical information, characterising environmental exposure routes and defining the environmental behaviour, fate, levels and effects of substances.

CHEMICAL RISK ASSESSMENT

- Preparation of environmental hazard and risk reports (especially to the EU Existing Substances Regulations and OECD requirements)
- Advice on risk assessment methodology
- Advice on the environmental behaviour and effects of chemicals

EMISSION ESTIMATION

- Identification of routes by which chemicals reach the environment
- Quantification of the amounts released and estimation of resulting concentrations in the environment
- Advice on preparation of emission scenario documents
- Production of emission scenario documents

CHEMICAL INFORMATION

BRE offers extensive information on the environmental behaviour, fate and effects of chemicals from a variety of sources.

- Literature searches
- Interpretation and summaries
- Prediction of environmental fate and chemical properties
- Advice on environmental persistence and accumulation of chemicals
- Advice on ecotoxicity of chemicals
- Environmental distribution modelling

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