





REACH Assistance

Registration, Evaluation and Authorization of Chemicals

BUSINESS CHALLENGE

To protect human health and the environment from the risks of chemicals, the European Commission has proposed to replace 40 existing pieces of legislation by a single regulatory system for the Registration, Evaluation and Authorization of Chemicals - the REACH system - which comes into force in spring 2007.

Manufacturers and importers of chemicals are requested to send a registration dossier, containing safety data and conditions of use of their products, to a central chemicals agency. Evaluation by experts is carried out for higher volume chemicals presenting concern, and for all substances whose properties present very high risk. These products are subject to authorization, even restriction. Downstream users are also involved. Over the first 11 years after the entry into force of REACH, about 30,000 phase-in substances are expected to be registered, plus a number of "non-phase-in" substances.



SOLUTION

What is REACH Assistance

REACH assistance involves a full range of services that help manufacturers, importers and downstream users of chemicals assess the impact of REACH on their business, analyze the risks of substances on their own or used in preparations, and develop the technical dossier for pre-registration, registration and authorization. With deep knowledge of regulations and technical expertise in multi-disciplines, Bureau Veritas leverages its experience in risk assessment, lab analysis, diagnostic inspections, safety management, and formulates recommendations for improvement in human health and environmental protection, providing full assistance that can be customized to your needs.

What are the key benefits?

- Have a clear picture of the substances used in your activities that might be in the scope of REACH
- Anticipate the financial impact of REACH on your business;
- Control risks and protect human health and environment;
- Maintain good reputation and improve your competitiveness;
- Save time and money.

WHY CHOOSE BUREAU VERITAS?

Recognition Founded in 1828, Bureau Veritas is a worldwide leader specialized in QHSE and social responsibility services. Certified to ISO 9001 for all of its activities throughout the world, Bureau Veritas holds an active participation within professional authorities, for the development of the international standards and regulations.

Knowledge and Expertise ■ Technical knowledge and availability of our qualified local teams, able to provide packaged and targeted information, are strengths appreciated by our clients.

Network ■ With a network of 700 offices and laboratories and over 26000 employees in more that 140 countries, Bureau Veritas serves 280,000 customers in many different industries across the world.

Personnalized service ■ Bureau Veritas adapts its services to your needs and helps you identify your legal occupational health & safety obligations.

RELATED SERVICES

- Regulatory Assistance
- Environmental Due Diligence
- ISO 14001 Certification
- OHSAS 18001 Certification
- Air quality and Emission Management
- Soil and Water Remediation
- Waste Management
- HSE Management
- Asbestos Risk Management
- Occupational Hygiene
- Workplace Health and Safety
- Indoor Environment Quality
- Environmental Assessment and Management



OUR APPROACH

Based on thorough understanding of the client's business, Bureau Veritas experts find out the most efficient and cost-effective solution to help the client deal with the REACH regulation. Our approach includes:

- 1. Diagnosis of REACH's impact on downstream users and certain suppliers (manufacturers, importers, distributors, etc.):
 - set up an inventory of used substances;
 - determine if one substance is identified as priority substance;
 - identify the obligations related to REACH;
 - formulate the action plan to meet these obligations.
- 2. Risk analysis that covers the whole life cycle of substances. on their own or used in preparations:
 - analyze the industrial process and uses of substances;
 - prepare the exposure scenarios that include risk management measures and operational conditions;
 - recommend the action plan for downstream users to meet these operational conditions.
- 3. Assistance to the technical dossier development for pre-registration, registration and authorization.



FAQ

What do "phase-in" substances mean?

The substances that have already been manufactured or that have already been on the Community market for the last 15 years (meeting criteria set by the European Commission)

What chemicals are subject to authorization?

Chemicals with properties of very high concern will be phased out, and replaced by safer alternatives, unless industry can show "adequate control" of the risk from their use or that their "socio-economic" value outweighed the risks. Chemicals of very high concern are:

- Category 1 & 2 Carcinogens, Mutagens and Reproductive toxins;
- Chemicals that are persistent, bio-accumulative and toxic (PBT), based on scientific criteria;
- Chemicals that are very Persistent and very Bio-accumulative (vPvB), based on scientific criteria;
- Chemicals that are "identified as causing serious and irreversible effects to humans or the environment which are equivalent to the other chemicals above".

When do I have to fulfill the REACH regulation?

For "non-phase-in" chemicals, REACH has to be implemented immediately after its entry into force. For "phase-in" chemicals, industry is given up to 11 years to provide safety data, and the deadlines are prioritized by both chemical properties and tonnage produced:

Number of years	Type of chemical
3	Carcinogenic, mutagenic or reproductive toxins
3	Produced in quantities above 1000 tons per year
6	Produced in quantities 100-1000 tons per year
11	Produced in quantities 1-100 tons per year

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