

# EU REACH Compliance Information Services

For manufacturer's compliance with the European Union Registration, Evaluation, and Authorization of Chemicals regulations



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## Manufacturers Struggle to Comply As European Union Continues to Lead the World in Environmental Legislation

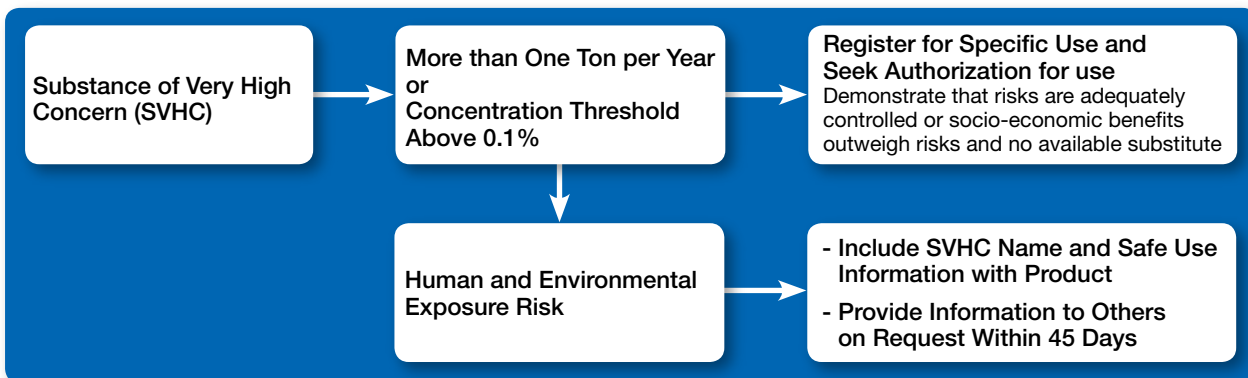
The European Union continues to advance legislation to protect her population from exposure to hazardous substances used in products as well as during product disposal. Today, companies that sell electronic or automotive products must comply with WEEE (Waste Electronic and Electrical Equipment), ELV (End of Life Vehicles) and RoHS (Restriction of Hazardous Substances) regulations. Although these regulations have a significant impact because Europe is the world's largest and most affluent regional market, they did not extend significantly beyond the electronic products targeted under RoHS.

In 2007, the European Union adopted the REACH regulations which bring unprecedented scope, complexity and mandatory tracking of substances in most every "article" (product) that Europeans use. The REACH regulation: Regulation, Evaluation, Authorization of Chemicals; requires the registration of hazardous substances that are sold, imported, manufactured or used in quantities exceeding 1 ton/year and covers substances on their own, in preparations, or used in a manufacturer's articles.

## REACH Significantly Expands the Control of Hazardous Materials

REACH goes beyond the hazardous material content requirements starting with registering substances intentionally released during manufacturing. These substances must be registered for the purpose and have a chemical safety report when used in quantity above a threshold level. Additionally, approximately 1,000 other materials are considered Substances of Very High Concern (SVHC) and prohibited by REACH. These chemicals along with their CAS number will be published in a catalog in 2009 and using SVHCs will require different actions based on the chemical and quantity used.

| Released Substance Quantity | REACH Article 7.1 Reporting Obligation   |
|-----------------------------|--|
| More than One Ton per Year  | <b>Registration</b><br>Technical report with substance data, its uses, and proposed risk management measures   |
| More than 10 Tons per Year  | <b>Chemical Safety Report</b><br>Safety assessment (human health, environmental, and physiochemical) and risk management plan for entire life cycle including disposal |



**REACH Article 7.2 Notification Obligations.** Reporting requirements are based on the quantities and concentration of the approximately 1,000 SVHC substances used in products. In every case, manufacturers must audit their product portfolios and communicate with suppliers and customers to identify risks. Preparing registration and authorization documentation will require manufacturers to organize and implement a significant data collection initiative to develop compliant products and manufacturing processes and support their compliance claims.

### IHS REACH Content Services

IHS provides information collection services to facilitate compliance with hazardous substance regulations in vital markets. Using established supplier contacts and ISO-Certified data collection processes, IHS can effectively collect and organize material composition data and compliance documentation from suppliers around the world to meet client-specific requirements, including:

- Audit the product portfolio, define the data and integration requirements and priorities
- Create a data collection and delivery plan
- Develop supplier and customer relationships to communicate issues and data collection plans
- Collect, standardize, format, and quality-control data
- Deliver, integrate, and update as required to maintain data currency and integrity

### The Ideal Partner for REACH Readiness

With over 45 years experience building component and supplier databases, IHS has the expertise to analyze, plan, and deliver a tailored information collection and integration process.

- Environmental compliance services for OEM and ECM manufacturers since initial EU RoHS release in 2003
- Experienced staff of environmental compliance consultants and project managers

- ISO 9001 Certified data collection and development processes with proprietary tools to assure data consistency and quality
- Ongoing hazardous substance data sourcing initiatives with suppliers around the world.

### Benefits of IHS REACH Compliance Information Services

- Helps ensure your company's compliance with EU-REACH and other environmental regulations with a proactive information collection and integration program
- Provides a pragmatic approach to environmental compliance information that expands in scope to address changing regulations
- Obtain compliance information most efficiently and cost-effectively
- Validated, auditable data quality processes improve value of internal decision-support tools and applications
- Continue to focus internal resources on core competencies.

### Related Services

**Environmental Compliance Services:** Information services to drive engineering catalogs and BOM compliance analysis and reporting.

**Export Compliance Content Services:** Information services to ensure security and drive compliance with US ITAR and EAR Regulations.



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