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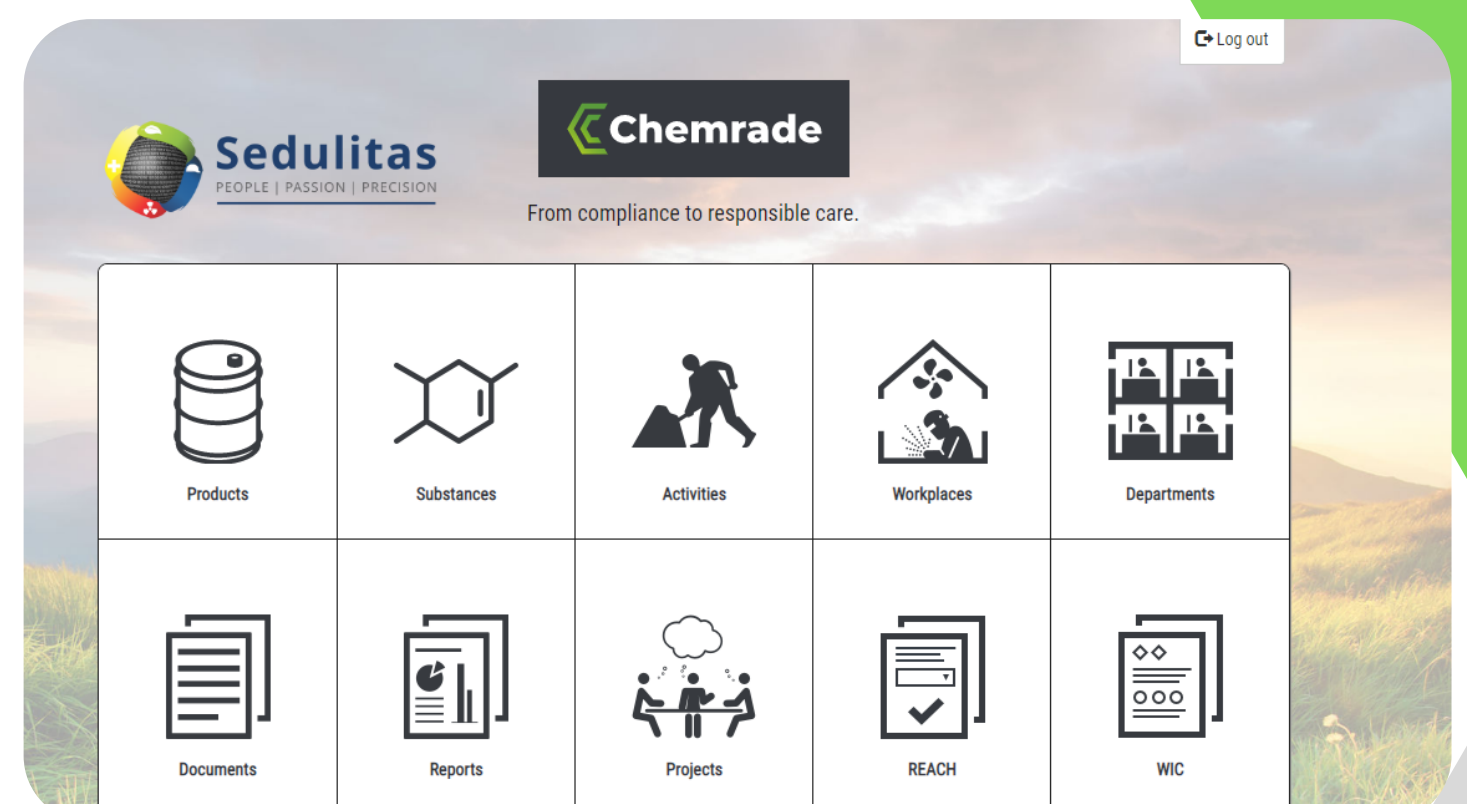
Chemrade

Working with hazardous substances; from compliance to responsible care

The Chemrade Software application allows companies to add all their chemical substances and chemical products to this software to prepare a register of hazardous substances. From this information, hazardous chemical risk assessments can be preformed and the exposure to the employee can be estimated.

What information do you get from this software?

1. **A complete register of hazardous substances, which includes information about products, substances, workplaces and activities.**
2. **Risk assessments, which include information about performed risk assessments based on algorithm estimates.**
3. **Risk management, which includes actual state of risk situations, measures to be taken and full assessment.**
4. **Workplace instruction, which includes workplace instruction cards.**

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Chemrade supports companies in:
- **Preparing a register of hazardous substances;**
- **Reliable substance data through managed substances database;**
- **Option to import from any existing data source or system;**
- **Selecting/deriving appropriate OELs;**
- **Automatic risk assessment by validated exposure models;**

- **ECETOC-TRA, Stoffenmanager exposure model;**
- **External model estimates or measurement data;**
- **Setting up a plan of Action for risk management measures;**
- **Creating risk-based workplace safety cards;**
- **Compliance with OSH and REACH regulations.**

Product Information

Minimum required information:
- **Product name**
- **Physical state (liquid/solid/gaseous)**
- **H-phrases of product**
- **CLP-pictogram(s)**
- **Composition (components and %)**
- **(Transport information**

Substances Information

Minimum required information:
- **Substance name**
- **CAS number**
- **Molar mass**
- **State of matter (liquid/solid/gaseous)**
- **For liquids: vapor pressure (Pa at 20°C)**
- **For solids: dustiness category**
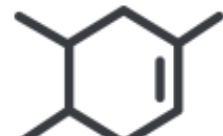- **H-phrase(s) of substance**
- **OEL (Occupational Exposure Limit)**