



Chemical risks - MSDS

Contents of the course - Syllabus

I. Goal

Know how to identify chemical products and associated risks
Know the preventive and protective measures to be used in order to control their use.
Know how to read a chemical product label and a safety data sheet, MSDS

II. Persons concerned

Any person operating on a site
Number of participants: 15 to 20 participants

III. Prerequisites

Know how to read

IV. Theoretical content

This list shows the minimum content to be taught, other elements can be added by the applicant.

- ✓ Definition of dangerous substances
- ✓ List of different types of chemical products (allergenic, carcinogenic...)
- ✓ Presentation of regulations
- ✓ List and presentation of different health risks and effects
- ✓ List and presentation of different safety risks (explosion, fire) and risks for the environment
- ✓ Detail concerning significance and role of labelling and/or pictograms of different families of chemical products
- ✓ List and presentation of different ways of how chemical products penetrate into the organism

- ✓ Presentation of the terms chemical waste management
- ✓ List and explanation of hygiene and preventive measures and protective equipment for common and individual use
- ✓ List and explanation of main emergency measures
- ✓ Explanation of methods to handle and store chemical products (including explanation of incompatibility)
- ✓ Explanation of MSDS data and their use

The minimum duration for the theoretical part is 4h.

V. Practical part

No practical part

VI. Total duration

The total duration of the "Chemical Risks - MSDS" course is 4h minimum.

VII. Evaluation

At the end of the practical part the acquired knowledge will be tested and evaluated in a MCT with 20 questions. The participant needs 80% of correct answers to pass successfully. (Photos and diagrams might be used)

VIII. Validity & Recycling

Once obtained, the qualification is valid for 2 years. No recycling content.