

# Globally Harmonized System for Chemical Classification





#### **Globally Harmonized System for Chemical Classification**

**Ref:** 32120\_138738 **Date:** 07 - 11 Sep 2025 **Location:** Sharm El-Sheikh (Egypt) **Fees:** 3700

**Euro** 

#### **Course Description**

This intensive 5-day course provides a comprehensive understanding of the Globally Harmonized System GHS for chemical classification and labeling. Participants will learn GHS principles, hazard classification criteria, labeling requirements, and safety data sheet SDS preparation. The course combines theoretical knowledge with practical exercises to ensure effective implementation of GHS in the workplace.

#### **Learning Objectives**

- Understand the purpose and key elements of the Globally Harmonized System
- Apply GHS criteria for classifying physical, health, and environmental hazards
- Create GHS-compliant labels and safety data sheets
- Implement GHS requirements in workplace hazard communication programs
- Interpret and use GHS information for safe chemical management

#### **Course Modules**

#### **Day 1: Introduction to GHS**

- Overview of GHS and its global implementation
- GHS hazard classification principles
- Physical hazards classification
- Health hazards classification

#### **Day 2: Environmental Hazards and Mixtures**

- Environmental hazards classification
- Classification of chemical mixtures
- Using bridging principles and calculation methods
- Practical exercises in hazard classification

#### **Day 3: GHS Labeling Requirements**

- · GHS label elements and format
- Pictograms, signal words, and hazard statements
- Precautionary statements and supplemental information
- Creating GHS-compliant labels workshop



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#### **Day 4: Safety Data Sheets SDS**

- SDS format and 16 sections
- Information requirements for each SDS section
- SDS authoring best practices
- Hands-on SDS preparation exercise

#### **Day 5: GHS Implementation and Communication**

- Integrating GHS into workplace hazard communication programs
- Training employees on GHS
- Managing the transition to GHS
- Case studies and problem-solving scenarios

#### **Practical Wins for Participants**

- Ability to accurately classify chemicals according to GHS criteria
- Skills to create GHS-compliant labels and safety data sheets
- Strategies for implementing GHS in workplace hazard communication
- Enhanced capacity to interpret and use GHS information for chemical safety



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