



*Training Course:
SDS & Label Authoring*

*15 - 19 December 2025
Kuala Lumpur (Malaysia)
Royale Chulan Kuala Lumpur*

Training Course: SDS & Label Authoring

Training Course code: HE235882 From: 15 - 19 December 2025 Venue: Kuala Lumpur (Malaysia) - Royale Chulan Kuala Lumpur Training Course Fees: 6000 € Euro

Introduction

As global regulations on chemical safety evolve, authoring accurate and compliant Safety Data Sheets SDS and chemical labels has become essential for organizations dealing with hazardous substances. The "SDS & Label Authoring" training program, designed by Global Horizon Training Center, equips professionals with the necessary skills to create SDS and chemical labels that meet international standards such as GHS, OSHA, REACH, and CLP. This course provides hands-on experience in preparing compliant, clear, and effective documents and labels that communicate hazards accurately across global supply chains.

Objectives

By the end of this training program, participants will be able to:

- Understand the regulatory frameworks that govern SDS and chemical labeling globally.
- Author fully compliant Safety Data Sheets SDS according to GHS and other standards.
- Develop hazard communication labels using the appropriate symbols, signal words, and precautionary statements.
- Interpret and apply toxicological, ecological, and physicochemical data in SDS sections.
- Maintain up-to-date SDS and label documentation for various markets.
- Utilize authoring software and databases to streamline SDS creation.
- Review and audit existing SDSs and labels for compliance and accuracy.

Organizational Impact

By implementing this program, organizations will benefit from:

- Improved regulatory compliance and reduced legal risks.
- Consistent and accurate communication of chemical hazards throughout the supply chain.
- Enhanced customer trust and global market access.
- More efficient management of SDS and labeling processes through trained personnel.
- Reduced incidents related to chemical mishandling or mislabeling.

- Stronger internal safety culture and awareness of chemical safety practices.

Target Audience

This course is ideal for:

- Health, Safety & Environment HSE professionals
- Chemical regulatory compliance officers
- SDS authors and technical writers
- Chemical product managers and developers
- Quality assurance and control professionals
- Laboratory personnel and R&D staff
- Manufacturers and distributors of chemicals
- Import/export professionals in the chemical industry

Outlines

Day 1: Regulatory Frameworks and GHS Fundamentals

- Introduction to global chemical regulations GHS, OSHA HCS, CLP, REACH
- SDS and label roles in hazard communication
- Structure and key elements of GHS
- Classification of chemicals: health, physical, and environmental hazards
- Overview of SDS sections and GHS label components

Day 2: Authoring Safety Data Sheets SDS - Sections 1 to 8

- Section-by-section breakdown of SDS:
 - Identification
 - Hazard identification
 - Composition/information on ingredients
 - First-aid measures

- Fire-fighting measures
- Accidental release measures
- Handling and storage
- Exposure controls/personal protection
- Gathering and verifying data for each section

Day 3: Authoring SDS - Sections 9 to 16

- SDS continued:
 - Physical and chemical properties
 - Stability and reactivity
 - Toxicological information
 - Ecological information
 - Disposal considerations
 - Transport information
 - Regulatory information
 - Other information
- Sourcing toxicological and environmental data
- Preparing SDS for international distribution EU, US, Asia

Day 4: Label Authoring & Hazard Communication

- GHS label components: product identifier, pictograms, signal words, hazard statements, precautionary statements, supplier information
- Country-specific label requirements OSHA, CLP, WHMIS
- Label formatting and design best practices
- Case study: Labeling multiple hazardous products
- Common labeling mistakes and how to avoid them

Day 5: Tools, Software, and Practical Authoring Workshop

- Introduction to SDS authoring software tools Chemwatch, SAP EHS, WERCS, etc.
- Integration of chemical databases into the authoring process
- Workshop: Drafting a complete SDS and GHS-compliant label
- Peer review and critique of authored SDSs
- Final compliance checklist and best practices guide

Registration form on the Training Course: SDS & Label Authoring

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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

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Full Name (Mr / Ms / Dr / Eng):
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Payment Method

- ☐ Please find enclosed a cheque made payable to Global Horizon
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