

# GHS Classification and Dangerous Goods (DG) in SAP EHS Training

*COURSE CONTENT*

## GET IN TOUCH



Multisoft Systems  
B - 125, Sector - 2, Noida



(+91) 9810-306-956



info@multisoftsystems.com



www.multisoftsystems.com

## About Multisoft

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## About Course

GHS Classification and Dangerous Goods (DG) in SAP EHS Training by Multisoft Systems is designed to help professionals understand hazardous substance management, regulatory compliance, and dangerous goods processing using SAP Environment, Health, and Safety (EHS). This industry-focused training provides comprehensive knowledge of Globally Harmonized System (GHS) classification, Safety Data Sheet (SDS) management, labeling, dangerous goods master data, and transportation compliance processes within SAP EHS.

## Module 1: Introduction to SAP EHS

- ✓ Overview of SAP Environment, Health, and Safety (EHS)
- ✓ Importance of Product Safety and Dangerous Goods Management
- ✓ SAP EHS architecture and integration
- ✓ Business processes in SAP EHS
- ✓ Introduction to compliance management
- ✓ Overview of GHS and DG regulations

## Module 2: Fundamentals of GHS Classification

- ✓ Introduction to Globally Harmonized System (GHS)
- ✓ Hazard classification concepts
- ✓ Physical, health, and environmental hazards
- ✓ Classification categories and criteria
- ✓ Hazard communication standards
- ✓ GHS implementation across industries

## Module 3: Product Safety Management in SAP EHS

- ✓ Product safety overview
- ✓ Substance volume tracking
- ✓ Specification database structure
- ✓ Phrase management
- ✓ Report management
- ✓ Substance and material assignment
- ✓ Compliance data management

## Module 4: Safety Data Sheet (SDS) Management

- ✓ Introduction to Safety Data Sheets
- ✓ SDS creation and maintenance
- ✓ SDS templates and generation

- ✓ Regulatory content management
- ✓ Language and country-specific SDS handling
- ✓ SDS distribution and reporting

## **Module 5: Dangerous Goods (DG) Management**

- ✓ Overview of Dangerous Goods regulations
- ✓ DG master data management
- ✓ DG classification procedures
- ✓ Packaging instructions and handling
- ✓ DG checks and validations
- ✓ Transportation compliance management

## **Module 6: GHS Labeling and Hazard Communication**

- ✓ Label generation process
- ✓ Hazard pictograms and signal words
- ✓ Precautionary and hazard statements
- ✓ Barcode and label printing
- ✓ Regulatory label compliance
- ✓ Label management in SAP EHS

## **Module 7: Regulatory Compliance Management**

- ✓ Global and regional regulatory frameworks
- ✓ Compliance requirement management
- ✓ Regulatory list management
- ✓ Compliance checks and reporting
- ✓ Audit and documentation management
- ✓ Environmental compliance monitoring

## **Module 8: Dangerous Goods Transportation Management**

- ✓ Transportation regulations overview
- ✓ ADR, IMDG, IATA, and DOT compliance
- ✓ Shipment processing in SAP EHS
- ✓ DG documentation generation
- ✓ Packaging and shipping controls
- ✓ Emergency response information management

## **Module 9: SAP EHS Integration with SAP Modules**

- ✓ Integration with SAP MM
- ✓ Integration with SAP SD
- ✓ Integration with SAP Logistics and Warehouse Management
- ✓ Material master integration
- ✓ Shipment and delivery integration
- ✓ Compliance workflow integration

## **Module 10: Risk Assessment and Incident Management**

- ✓ Workplace safety concepts
- ✓ Hazard identification and assessment
- ✓ Incident and accident management
- ✓ Corrective and preventive actions
- ✓ Risk mitigation planning
- ✓ Compliance monitoring and reporting

## **Module 11: Reporting and Analytics in SAP EHS**

- ✓ Standard SAP EHS reports
- ✓ Compliance dashboards
- ✓ Regulatory reporting tools
- ✓ Data monitoring and analytics

- ✓ Audit reporting
- ✓ Custom reporting concepts

## **Module 12: SAP EHS Configuration and Administration**

- ✓ Basic SAP EHS configuration
- ✓ DG and GHS setup procedures
- ✓ User roles and authorizations
- ✓ Data maintenance and administration
- ✓ Workflow configuration overview
- ✓ System monitoring and troubleshooting

## **Module 13: Real-Time Case Studies and Practical Sessions**

- ✓ Industry-specific compliance scenarios
- ✓ Hazardous material handling workflows
- ✓ DG transportation case studies
- ✓ SDS generation practical exercises
- ✓ End-to-end SAP EHS process execution
- ✓ Best practices for compliance management

## **Module 14: Project Work and Final Assessment**

- ✓ Real-time implementation scenarios
- ✓ Compliance management project
- ✓ Practical assignments
- ✓ Knowledge assessment sessions
- ✓ Interview preparation guidance