



# دورة تدريبية في أساسيات السلامة الكيميائية والتعامل مع المواد الخطرة وفهم نظام MSDS



**AGILE LEADERS**  
Training Center

11 - 15 May 2026  
ميلان



## دورة تدريبية في أساسيات السلامة الكيميائية والتعامل مع المواد الخطرة وفهم نظام MSDS

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### HAZMAT & MSDS Awareness: Essential Chemical Safety & Compliance Course Overview:

This engaging 5-day course offers a deep dive into hazardous materials safety and MSDS guidelines, focusing on chemical hazard identification, toxic substance handling, and chemical exposure limits. Participants will gain expert knowledge on hazardous ingredients in the workplace, safety data sheet compliance, occupational health and toxicology, and emergency decontamination procedures. Through practical insights into personal protective equipment for chemical handling, fire and explosion hazards of chemicals, chemical reactivity and storage, and workplace chemical safety standards, the course prepares employees for acute and chronic toxicity challenges. It emphasizes first aid measures for chemical exposure, hazard communication standards, and safe handling and storage of hazardous materials, ensuring protective measures against chemical hazards. The course also covers toxicological risk assessment in the workplace and medical surveillance in hazardous material exposure, making it a must-attend for professionals seeking comprehensive HAZMAT and MSDS training online or through a certification course.

### Target Audience:

- Safety Officers
- Environmental Health Specialists
- Industrial Hygienists
- Warehouse Managers
- Chemical Handlers

### Targeted Organizational Departments:

- Health and Safety
- Environmental Compliance
- Warehouse and Storage
- Research and Development
- Production and Manufacturing

### Targeted Industries:

- Chemical Manufacturing
- Pharmaceutical
- Petroleum and Gas
- Waste Management
- Healthcare

## Course Offerings:

in the end of this course the Participants will be able to:

- Understanding MSDS guidelines and safety data sheet compliance
- Identifying and managing hazardous materials and chemical hazards in the workplace
- Implementing safe handling, storage, and disposal practices for hazardous materials
- Conducting toxicological risk assessments and emergency response planning
- Utilizing personal protective equipment effectively

## Training Methodology:

This course employs a dynamic blend of training methodologies to cater to diverse learning preferences, including interactive lectures, case studies, group discussions, hands-on workshops, and real-life scenario simulations.

Participants will engage in emergency decontamination procedures, explore the use of personal protective equipment for chemical handling, and learn about fire safety and chemical handling courses through practical exercises. Emphasis is placed on active participation and applying knowledge in workplace chemical safety course scenarios, ensuring that learners can directly apply skills in their work environments.

## Course Toolbox:

- Comprehensive course workbook
- MSDS and HAZMAT quick reference guides
- PPE selection and use guide
- Access to online resources and tools for continuous learning

## Course Agenda:

### Day 1: Introduction to Hazardous Materials and MSDS

- Understanding Hazardous Materials and their Workplace Impact Topic 1:
- Introduction to Material Safety Data Sheets MSDS Topic 2:
- Key Components of MSDS and Their Importance Topic 3:
- Navigating Hazardous Ingredients through MSDS Topic 4:
- The Role of MSDS in Chemical Hazard Identification Topic 5:
- Exploring the Significance of MSDS in Enhancing Workplace Safety Reflection & Review:



## Day 2: Safety Protocols and Handling Procedures

- Safe Handling and Storage of Hazardous Materials Topic 1: •
- Personal Protective Equipment PPE for Chemical Handling Topic 2: •
- Emergency Decontamination Procedures for Chemical Spills Topic 3: •
- Fire and Explosion Hazards: Prevention and Response Topic 4: •
- Preventative Measures and Safety Compliance Training Topic 5: •
- Integrating Safety Protocols with Daily Operations Reflection & Review: •

## Day 3: Health Risks and Protective Measures

- Toxicological Risk Assessment in the Workplace Topic 1: •
- Occupational Health and Toxicology: Understanding the Risks Topic 2: •
- Exposure Limits and Respiratory Protection Topic 3: •
- Acute and Chronic Toxicity of Hazardous Materials Topic 4: •
- Implementing Onsite Medical Surveillance Topic 5: •
- Balancing Productivity with Health and Safety Reflection & Review: •

## Day 4: Regulatory Compliance and Communication Standards

- Navigating Hazard Communication Standards Topic 1: •
- MSDS Compliance and Updates Topic 2: •
- Chemical Safety Training Programs and Certification Courses Topic 3: •
- Environmental Health and Safety EHS Training Programs Topic 4: •
- Industrial Hygiene Training for Chemical Hazards Topic 5: •
- Ensuring Compliance with National and International Regulations Reflection & Review: •

## Day 5: Advanced Safety Management and Future Trends

- Advanced Chemical Reactivity and Storage Guidelines Topic 1: •
- Techniques for Chemical Hazard Awareness Training Topic 2: •
- Future Trends in Hazardous Materials Management Topic 3: •
- Leveraging Technology for HAZMAT and MSDS Training Topic 4: •
- Developing a Culture of Safety and Continuous Improvement Topic 5: •
- Strategies for Implementing Long-Term Safety Solutions Reflection & Review: •

## How This Course is Different from Other HAZMAT & MSDS Awareness Courses:

Unlike other courses, our "HAZMAT & MSDS Awareness: Essential Chemical Safety & Compliance Course" is uniquely designed to provide a holistic and interactive learning experience. It combines the latest in chemical safety training programs with practical, hands-on learning approaches. From in-depth coverage of MSDS certification course materials to immersive emergency response training for chemical spills.



## فئات الدورات التدريبية



HR TRAINING & DEVELOPMENT

دورات إدارة و تطوير الموارد البشرية



دورات إدارة و تحليل البيانات ودورات علم البيانات



دورات إدارة الجودة وتطوير العمليات



الدورات التدريبية في مجال البيئة والاستدامة



دورات التسويق وإدارة علاقات العملاء وإدارة المبيعات



دورات التدريب القانوني والمشتريات والتعاقدات



دورات الاتصال الجماهيري و السياسات والعلاقات العامة



دورات النظم السيرياني ودورات تقنية المعلومات



دورات الصيانة ودورات المجالات الهندسية المتنوعة



دورات الصحة والسلامة والأمن المهني



دورات السكرتارية و إدارة المكاتب



دورات الحوكمة وإدارة المخاطر والامتثال



## فئات الدورات التدريبية



دورات معتمدة بشهادة CPD



دورات في مجالات القيادة والإدارة



دورات المهارات الشخصية وتطوير الذات



دورات المحاسبة و التمويل و دورات الإدارة  
الهائية



دورات مكتب إدارة المشاريع وإدارة المشاريع  
الرشيقية



دورات معتمدة من قبل هيئات دولية

## مدن التدريب



اسطنبول - تركيا



أمستردام - هولندا



أكرا - غانا



أثينا - اليونان



الرياض - المملكة العربية السعودية



الدوحة - قطر



الدار البيضاء - المغرب



الجبيل - المملكة العربية السعودية



باريس - فرنسا



المنامة - مملكة البحرين



الكويت - الكويت



القاهرة - مصر



براغ - جمهورية التشيك



بانكوك - تايلند



بالي - جمهورية إندونيسيا



باكو - أذربيجان

## مدن التدريب



جاكرتا - جمهورية اندونيسيا



تبليسي - جورجيا



بوكيت - تايلاند



برشلونة - إسبانيا



روما - إيطاليا



دبي - الإمارات العربية المتحدة



جوهانسبرغ - جنوب إفريقيا



جنيف - سويسرا



شرم الشيخ - مصر



سيول - كوريا الجنوبية



سان دييغو - الولايات المتحدة الأمريكية



زنجبار - تنزانيا



طوكيو - اليابان



طشقند - أوزبكستان



طرابزون - تركيا



شيكاغو - الولايات المتحدة الأمريكية

## مدن التدريب



كوالالمبور - ماليزيا



فيينا - النمسا



عن بعد - منصة زووم



عمان - المهلكة الدرعية الهاشمية



ماربيا - اسبانيا



لندن - المملكة المتحدة



لانكاوي - ماليزيا



كيب تاون - جنوب إفريقيا



ميلان - إيطاليا



مونترنو - سويسرا



مسقط - سلطنة عمان



مدريد - إسبانيا



نيس - فرنسا



نيروبي - كينيا



ميونخ - ألمانيا

# WHO WE ARE

Agile Leaders is a renowned training center with a team of experienced experts in vocational training and development. With 20 years of industry experience, we are committed to helping executives and managers replace traditional practices with more effective and agile approaches.

## OUR VISION

We aspire to be the top choice training provider for organizations seeking to embrace agile business practices. As we progress towards our vision, our focus becomes increasingly customer-centric and agile.

## OUR MISSION

We are dedicated to developing value-adding, customer-centric agile training courses that deliver a clear return on investment. Guided by our core agile values, we ensure our training is actionable and impactful.

## WHAT DO WE OFFER

At Agile Leaders, we offer agile, bite-sized training courses that provide a real-life return on investment. Our courses focus on enhancing knowledge, improving skills, and changing attitudes. We achieve this through engaging and interactive training techniques, including Q&As, live discussions, games, and puzzles.



**AGILE LEADERS**  
Training Center

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