

Session 05

Identification and labelling of chemicals

This session deals with the question of how to systematically identify chemicals. Focused on data and tools of the chemical which represents key information for proceeding with the assessment and management of chemicals.

The implementation of this session will require about 1 hour and 25 minutes.

Learning outcomes

At the end of this session, the participants will be able to

1. identify relevant information on chemicals
2. give an overview of Tools and Resources for Chemical Information Profiles
3. interpret Safety Data Sheets
4. apply the requirements from the Globally Harmonised System(GHS)

Training materials required

Presentations	Handouts/Worksheets	Reading
05_ Identifying and labelling of chemicals	Workbook Session 5	REMC Company Handbook – sections 3.1 and 3.2

Session plan

Time in min	Content/Activity	Reference/Material
5	Introduction <ul style="list-style-type: none">• Present learning outcomes and overview of the session	<i>Present 05_ Identifying and labelling of chemicals slides 1 – 3</i>
5	Presentation - Identify chemicals <ul style="list-style-type: none">• Orient the available information tools to familiar with chemicals• Explain CAS number, UN number	<i>Present 05_ Identifying and labelling of chemicals slides, 5-09</i>
10	Exercises <ul style="list-style-type: none">• Prepare group of 5-6 participants.• Ask groups to exercise on the following topics<ul style="list-style-type: none">▪ What problems can occur if you cannot identify all chemicals in Your Facility?▪ Ask to present the findings of each group to the planum	<i>Work book session 5</i>
10	Presentation - Global Harmonised System <ul style="list-style-type: none">• Importance of Globally harmonized system of classification and labelling of chemicals (GHS)• Orient GHS pictograms• GHS implementation advantages and global status• Introduce a GHS label and classification	<i>Present 05_ Identifying and labelling of chemicals, slides 10-21</i>

Time in min	Content/Activity	Reference/Material
20	Presentation - Safety Data Sheet <ul style="list-style-type: none"> • Discuss importance and acceptance of safety data sheet(SDS) • Discuss elaborately different section of SDS 	<i>Present 05_ Identifying and labelling of chemicals, slides 22-66</i>
20	Exercise - Role play <ul style="list-style-type: none"> • Role play 1: Ask two participants to be volunteer to play role. Two people act as : Store Manager & Procurement Manager Topic: store manager realise missing the Safety Data Sheet of dyestuff "Reactive Black 5" • Role play 2: Two people: Procurement Manager & Chemical Supplier Topic: procurement manager asks for SDS from chemical supplier 	<i>Work book session 5</i>
10	Presentation - Declaration and Reports. 'Overview Tools and Resources for Chemical Information Profile <ul style="list-style-type: none"> • Discuss about chemical formulator declarations to comply with MRSL and RSL • Discuss about available tools for chemical management information. 	<i>Present 05_ Identifying and labelling of chemicals slides 70-78</i>
5	Closing <ul style="list-style-type: none"> • Q&A • Summarise key points of the session 	<i>Present 05_ Identifying and labelling of chemicals slides 79-81</i>