

Working Safely with Chemicals Infographic



 **Working Safely with Chemicals**

Exposure to chemicals can cause occupational disease and injuries.
They can also be flammable or explosive.

How chemicals can enter the body

Routes of exposure



Breathing Skin or eye contact Swallowing (Ingestions or eating) Injection

Before working with chemicals

- Ensure that the standard operating procedures are understood and followed
- Read and understand the Safety Data sheet
- Check the ventilation is working properly
- Make sure all containers are labelled
- Know where the eyewash stations and safety showers are located
- Wear the required personal protective equipment

What employers should do

- Provide WHMIS education and training on where to find information about chemicals, how to identify their hazards, and safe operating procedures
- Make sure engineering controls are set up to work efficiently
- Make sure workers follow the standard operating Procedures and wear the required personal protective equipment

Provide specific information about each chemical workers may use

- Possible routes of exposure
- Potential hazards
- Control Measures to reduce risk of exposure
- How to safely use, handle, store and dispose of chemical
- What to do in case of a spill or injury
- First aid response for chemical exposure





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