

Working Safely with Chemicals Infographic



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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

Exposure to chemicals can cause occupational disease and injuries.

They can also be flammable or explosive.



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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