



## WHAT IS A CHEMICAL?

Is any substance used in or obtained by a chemical process. Chemicals may be in the form of solids, liquids or gases.

## WHAT ABOUT SAFETY DATA SHEETS (SDS's)?

Safety data sheets are an essential component of the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals and provide comprehensive safety information about a chemical.

A safety data sheet must:

- Be readily available to personnel that are required to use a chemical.
- Be kept in a location near the work area where the chemical is used.
- Identify that the chemical is a designated hazardous chemical, dangerous good, or neither.
- Be valid for a certain number of years of their issue date.



# SAMPLE

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## WHAT ABOUT A CHEMICAL REGISTER?

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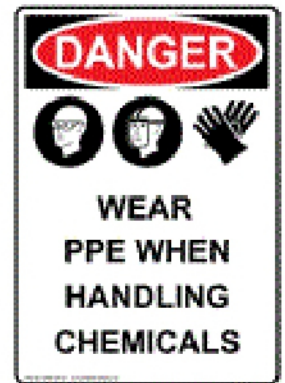


## PERSONAL PROTECTIVE EQUIPMENT

Where a safety data sheet advises that personal protective equipment (PPE) is a control measure for using the chemical, it must be provided to personnel and worn in the appropriate manner.

It is to be noted that PPE should not be the only control relied upon to control risk, and only be considered when all other reasonably practicable control measures have been used and the risk has not been eliminated or adequately controlled.

Upon completion of a task involving the use of PPE, personnel are required to wash themselves thoroughly, particularly before eating, drinking or leaving the workplace.



# SAMPLE

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- Personnel must be trained in the correct use of PPE
- PPE must be inspected before use
- PPE must be replaced when damaged
- PPE must be stored correctly
- PPE must be used in the correct manner
- PPE must be removed when the task is completed
- PPE must be stored correctly
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- PPE must be used in the correct manner
- PPE must be removed when the task is completed
- PPE must be stored correctly



Some hazardous chemicals and dangerous goods have the potential to react violently if they are mixed or mixed together. The following guidelines must be followed:

### NEVER MIX OR COMBINE:

- Oxidising liquids with flammable liquids
- Oxidising liquids with organic solids
- Oxidising liquids with organic liquids
- Oxidising liquids with organic gases
- Oxidising liquids with organic solids
- Oxidising liquids with organic liquids
- Oxidising liquids with organic gases
- Oxidising liquids with organic solids
- Oxidising liquids with organic liquids
- Oxidising liquids with organic gases
- Oxidising liquids with organic solids

## IN SUMMARY

All personnel required to work with potentially hazardous chemicals or dangerous goods must be trained in their use and be aware of the potential risks.

**Always seek advice if you are unsure of safety control measures!**