



COSHH Training



Agenda



COSHH Basics

Hazard Symbols

PPE Symbols

Product Application Training



COSHH Basics

**Control
Of
Substances
Hazardous to
Health**





Why does COSHH matter?

Using chemicals or other hazardous products substances at work can put people's health at risk.

To prevent ill health in employees the law requires employers to control exposure to hazardous substances.





Basic Steps

Safety data sheets provide information on chemical products that help users of chemicals to make a risk assessment. They describe that hazards and give information on handling, storage and emergency measures in case of an accident.

For employers to comply with COSHH, these eight steps must be followed:

1. Assess the risks.
2. Decide what precautions are required.
3. Prevent or adequately control the risk of exposure.
4. Ensure that all control measures are used and maintained.
5. Monitor the exposure.
6. Carry out appropriate health surveillance.
7. Prepare plans and procedures to deal with accidents, incidents & emergencies.
8. Ensure employees are properly informed, trained and supervised.





Golden rules of COSHH

NEVER

1. Mix chemicals
2. Decant chemicals into unmarked containers
3. Ignore any COSHH or CLP Regulation safety information
4. Store dangerous chemicals at high levels
5. Leave spills or leaks unreported or untreated





Golden rules of COSHH

ALWAYS

1. Read and understand the label before use
2. Use the correct chemical for the task
3. Wear protective clothing and equipment as directed
4. Use the correct quantity at the correct dilution rate
5. Be aware of first aid instructions





Hazard Symbols & PPE





Global Harmonisation

The UN globally harmonised system (GHS) aims to make all classification of substances the same, all over the world. This reduces both confusion and risk.

The system was implemented in the EU by the classification, labelling and packaging of substances and mixtures regulation (CLP Regulation) which came into effect 20th January 2009. Subject to a lengthy transitional period, the regulations came into effect 1st June 2015

In the next few slides we will be making you aware of the up to date CLP Regulation and the phrasing, pictograms and safety data sheets connected to it.





Symbols & their meaning

May cause Inflammation and Irritation from immediate, repeated or prolonged contact with the skin or eyes, or if inhaled.

Avoid contact with eyes and skin

In case of contact with eyes rinse immediately with plenty of water and seek medical advice

In case of contact with skin wash immediately with plenty of water

Do not breathe vapour, spray or dust



WARNING



Symbols & their meaning

May cause limited health risk if inhaled or if skin is penetrated.

Wash thoroughly before you eat, drink or smoke

Do not breathe vapour, spray or dust

Avoid contact with the skin

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice



HEALTH HAZARD



Symbols & their meaning

May cause destruction of living tissue or burn on contact.

Always wear suitable gloves, eye and face protection

Take off all contaminated clothing immediately

In case of contact with skin, wash immediately with plenty of water

In case of contact with eyes, rinse immediately (at least 15 minutes) with plenty of clean water and seek medical advice



DANGER



Dangerous (Corrosive) Risks



Removing empty bottle or pouch

Removal of feeder tube

Unscrewing of new bottle cap

Replacing feeder tube

Replacing new bottle or pouch

Cleaning around bottles

Any exposure to neat products

Decanting

Storage

Spray oven cleaners



Reducing the risk: Control the hazard



Symbols & their meaning

Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

Avoid release into the environment.



**ENVIRONMENTALLY
HAZARDOUS**



Symbols & their meaning

Extremely low flash & boiling point, and gases that catch fire in contact with air.

Keep away from sources of ignition

No smoking anywhere near product



WARNING



Symbols & their meaning

May cause serious health risks or even death if inhaled, ingested or if it penetrates the skin.

Wear suitable protective clothing, gloves & eye/face protection

After contact with skin, wash immediately with plenty of water

In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice

In case of accident or if you feel unwell, seek medical advice immediately



ACUTE TOXICITY



Personal Protective Equipment

Employers are responsible for providing personal protective equipment.

However employees are responsible for proper use of the equipment following their COSHH training.

PPE should be used when all other measures are inadequate to control exposure.










Always comply with the PPE signs on labels and around the work place.



Under COSHH or the Control of Substances Hazardous to Health Regulations, all persons at work need to know the safety precautions to take so as not to endanger themselves or other through exposure to substances hazardous to health. Below are general classifications of risk - know the appropriate symbols, their meaning and their safety precautions.

SAFETY GUIDELINES TO FOLLOW UNDER COSHH

1. Always read the label and follow the instructions.
2. Always use the protective clothing provided.
3. Do not mix chemicals unless instructed. Mixing chemicals can kill.
4. Never put chemicals into unmarked containers.
5. Never put chemicals into bottles or containers which have other uses, i.e. eating and drinking.
6. Be sure you know the first aid treatment required if you accidentally spill chemicals on yourself or others.
7. Store all chemicals safely in secure containers well away from children.
8. Report any faulty equipment, spillages or damaged containers to your supervisor.
9. Always follow the rules. Develop safe working practices around the workplace.
10. If you find anything wrong, report it to your supervisor.

CLASSIFICATION	SYMBOL	SAFETY INFORMATION
CORROSIVE, TO SKIN OR METAL		Wear eye and face protection. If in eyes rinse cautiously with water for several minutes. Seek medical advice. If on skin wash immediately with plenty of water. Remove all contaminated clothing.
CAUSES SERIOUS EYE DAMAGE		Wear eye protection. If in eyes rinse cautiously with water for several minutes. Seek immediate medical advice.
ENVIRONMENTAL TOXICITY		Avoid release to the environment in the neat form, consult environmental section on SDS.
FLAMMABLE		Do not smoke. Avoid sources of ignition.
HARMFUL		Harmful by skin absorption or if swallowed. Avoid contact with skin and eyes, wash immediately with water. If swallowed drink plenty of water and seek medical advice.
IRRITANT		Avoid contact with skin and eyes. Wash immediately with water.
OXIDISER		If spilled, wipe with clean cloth, then wash the cloths immediately in warm water. Avoid contact with skin and eyes, wash immediately with water. If swallowed drink plenty of water and seek immediate medical advice.
SERIOUS LONGER TERM HEALTH HAZARDS SUCH AS CARCINOGENICITY AND RESPIRATION SENSITISATION		May be fatal if swallowed and enters airways. IF SWALLOWED: immediately call a POISON CENTER or doctor/physician.
ACUTE TOXICITY ORAL, DERMAL, INHALATION		May be fatal if swallowed and enters airways. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

ALWAYS READ THE PRODUCT TEXT THAT IS NEXT TO THE CLASSIFICATION SYMBOL. DO NOT JUST RELY ON SYMBOL ALONE



TRIDENT PRO

THE DO'S



1. **ALWAYS** follow product instructions
2. **WEAR** the correct protective clothing
3. **ALWAYS** ensure products are correctly labelled
4. **ALWAYS** use the correct dispenser applicator
5. **ALWAYS** return corrosive products to the designated secure storage area
6. **REFER** to the How to use wall charts or product guides
7. **CONTACT** your head of department if you are unsure about anything
8. **ENSURE** you have access to the relevant Safety Data Sheets



THE DONT'S

NEVER under any circumstances transfer products into unmarked containers

NEVER mix products

NEVER under any circumstance leave any chemicals in a public areas



info@tridentprofessional.com

Scan for
all COSHH
Information

