



SAFETY



CONVERSATION



Topic: Dispensing Chemicals Safely

WHAT YOU'RE GOING TO LEARN

This Safety Conversation is all about the safest and the correct way to dispense chemicals ready for use. This will ensure that we reduce the risks of injury through contact with the chemicals through skin and eyes which can result in serious injuries.

HOW IT WILL HELP YOU IN YOUR JOB

Following this conversation, you will:

- Understand the correct method for dispensing and diluting chemicals
- Be aware of the safety precautions to use when using dispensing chemicals
- Know what personal protective equipment is required when carrying out this task

WHAT YOU NEED TO KNOW

Types of Dispensers

- Pelican Pump – manual dispenser
- Penguin Special – Ecolab dispenser without direct water feed
- Penguin 4 U Dispenser – dispenser with water feed which automatically doses and mixes the product for you.

Always use the correct PPE as stipulated on the task card for the chemical. When handling any concentrated chemicals, you should be wearing goggles and nitrile gloves.

Dosage Instructions for Pelican Pump

- Fill the spray bottle, bucket or sink with water, make sure to leave adequate space for the chemical
- Place the bottle or bucket under the pelican pump or the chemical bottle above the sink ensuring that the chemical will go directly into the bottle, bucket or sink; 1 pump for a spray bottle, 2 for a bucket and 2 per 10ltr of water in a sink

Dosage Instructions for Penguin Special

- Fill the spray bottle or bucket with water make sure to leave adequate space for the chemical
- Place the bottle or bucket under the nozzle of the dispenser ensuring that the chemical will go directly into the bottle or bucket; 1 press for a spray bottle and 2 for a bucket

Dosage Instructions for Penguin 4 U Dispenser – pre-dosed dispenser

- Turn the product selector to the sanitising solution then place the spray bottle or bucket under the dispenser, ensure the nozzle goes into the spray bottle
- Press and hold the dispense button until the sanitising solution fills the bottle, stop pressing the button before the bottle fills as there will be some excess in the nozzle of the dispenser.

When filling trigger spray bottles, ensure you re-attach the trigger spray securely.

PPE Requirements

- When dispensing the product, you should wear goggles and nitrile gloves
- PPE should be available wherever there are dispensers
- Remember PPE must be purchased through approved suppliers and should never contain latex as it is a known allergen

PUTTING WHAT YOU'VE LEARNT INTO PRACTICE

- Take 2 minutes to practice filling up a spray bottle – always re-attach the trigger spray securely.
- Check that you understand the types of chemical dispensers in your unit
- Make sure you know where you can get the correct PPE for the task



BE MINDFUL

- Be careful when dispensing chemicals and make sure that chemicals do not come into contact with your skin, face or eyes
- Ensure that your PPE is correctly fitted, even when filling up just one bottle
- When using chemicals in confined spaces, ensure there is suitable ventilation

SPEAK OUT

- Notify your supervisor or manager if there are any defects to the dispenser or PPE and ensure that appropriate repairs are made or that PPE is replaced.

GET INVOLVED

- Encourage your colleagues to work safely and to follow the correct procedure when dispensing chemicals
- Ensure any spillages are cleared up appropriately

YOUR VALIDATION

- What is the correct dosage for spray bottles?
- What PPE must be worn when handling or dispensing concentrated chemicals?
- Who should you notify of any defects or PPE requirements?

MORE INFORMATION

- Cleaning Schedules
- COSHH Product Task Card
- COSHH Product Assessment
- Informational Signage
- HSE Website



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