

DAIRY SHED CHEMICAL POLICY

Dairy Holdings Ltd is committed to providing and maintaining a safe and healthy workplace for all staff, and to providing the information, training and supervision needed to achieve this.

Dairy Holdings Ltd will take responsibility for health and safety procedures, however, employees need to be aware of their responsibilities and comply with the business' health and safety policy.

Each employee is encouraged to play a vital and responsible role in maintaining a safe and healthy workplace through:

- Being involved in the workplace health and safety system.
- Sticking to correct procedures and policies.
- Wearing protective clothing and equipment as and when required.
- Ensuring all accidents and incidents are reported.
- Helping new employees, trainees and visitors to the workplace understand the right safety procedures and why they exist.
- Telling your Manager immediately of any health and safety concerns.
- Keeping the work place tidy to minimise the risk of any accidents.

CHEMICAL USE PROTOCOLS

- Always wear the correct safety gear when handling dairy shed cleaning chemicals. This includes safety glasses, chemical gloves, gumboots and an apron where possible.
- Ecolab will supply one new Safety Kit for each farm comprising a set of safety goggles and chemical gloves.
- When mixing chemicals, always add the chemical to water NOT the water to chemical.
- Never mix an acid chemical and alkali chemical together.
- Use of a liquid alkali (Avoid) will be encouraged so that these chemicals can be dispensed using an electronic chemical dispensing system that is leak and spill proof.
- There must be a Material Safety Data Sheet Manual available in each dairy with all the relevant dairy shed chemicals used on that farm. The chemical supplier will supply one of these for each Dairy Holdings Ltd farm.

- All staff on each farm should do a Safe Chemical Handling course whenever practicable.
- It is the responsibility of the farm staff to ensure they are familiar with and understand this Health and Safety Policy around dairy shed chemicals.

STORAGE

- Where powdered alkali (Kleer Klenz), liquid Chlorine or Chloride Lime is used, it must be stored in a lockable area between milkings.
- Bunding is not required for dairy shed cleaning chemical pack sizes below 250 litres combined total volume.
- Teatspray and Bloat Oil only in 200 litre drums acid and alkali 100 litre drums only (as these are classified as dangerous goods) drums must be stored in a way that they cannot be pulled over easily, ie chained to a wall or locked away.
- If 100 drums are chained to a wall to prevent pulling over they can be stored in the dairy room or outside the dairy room wall in a position where it is practicable to effectively use the electronic dispenser to safely pump that chemical to the plant CIP tank.
- Electronic chemical dispensing systems installed into acid or alkali drums must be securely threaded into the drum opening, and where drum pumps are used for Bloat Oil and Teatspray a child proof strap is in place and used on that drum pump when not being used.
- There is no need to have any more than 100 litres of acid on site except when a near empty drum is being replaced.
- There should be no more than 100 litres of liquid alkali on site except when a near-empty drum is being replaced.
- There should be no more than 20 kilograms powdered alkali, Chloride of Lime or 20 litres liquid Chlorine on site except when any of the mentioned are near-empty and a replacement is needed.
- There must be a protocol for the moving and setting up replacement drums, ie lifted into place by lifting apparatus on suppliers truck when drum is delivered.

