

# CLINIDET®

## Medical and Dental Instrument & Equipment Detergent

### CLEANING FOR INFECTION CONTROL

#### Clinical Detergents, Household Detergents & Disinfectants.

When discussing cleaning it is important to distinguish between cleaning agents (such as detergents) and disinfectants. It is surprising that many people in Health Care industries are not aware of the differences and use these products inappropriately.

**Detergents:** Are a cleaning solution. Contain surfactants which aid wetting of surfaces - that is they increase the contact between the water and the surface to be cleaned and the soil adhering to that surface. Surfactants also help to hold the soils in solution, preventing re-deposition. Detergents also contain other components to aid the cleaning process such as water softeners and corrosion inhibitors.

*It is also important to distinguish between household dishwashing detergent and a clinical detergent.* Household detergents are made with a large emphasis on mildness to skin. Household detergents are formulated to have a neutral pH (7.0) and contain moisturisers and skin care additives that do not contribute to the cleaning process and may lead to unwanted residues on instruments and equipment. (Bio soil)

**Disinfectants:** Agents used to inactivate micro-organisms (non-sporing). *Disinfectants should never be used as cleaning agents* unless specifically formulated for that purpose.

The Australian Standards AS/NZS 4187 and AS/NZS 4815 contain recommendations for appropriate characteristics of detergents to be use in Health Care facilities. **Clinidet** is formulated according to these.

**Clinidet** is mildly alkaline with a pH of the final wash dilution in the range 9.0 to 9.8. Removal of soil is improved in alkaline solutions.

**Clinidet** contains alkaline builders or water softening agents that eliminate the effect of calcium and magnesium salts. Calcium and magnesium reduce the performance of surfactants and precipitate fatty acids contributing to soap scum.

The non-ionic surfactant system used in **Clinidet** is biodegradable and naturally low foaming. An added bonus of the non-ionic surfactants used in **Clinidet** is that the performance of **Clinidet** is substantially unaffected in hard water.

**Clinidet** is mildly alkaline and non-corrosive. **Clinidet** is a liquid formulation which is non-abrasive and free rinsing. **Clinidet** contains corrosion inhibitors to help protect sensitive equipment. The surfactant system and other ingredients used in **Clinidet** are classified as not poisonous according to the Poisons Schedule (Australia)/Toxic Substances (NZ). **Clinidet** is packaged to allow the cleaning agent to be handled and dispensed in a manner that is safe for the operator, while minimising contamination of the stock cleaning agent.

**Clinidet** does not contain perfumes, chlorine, fatty soaps, glycerine, lanoline or optical brighteners.