



15 th January 2005

“Cleaning for Infection Control”

CLINICAL DETERGENTS: Formulation & Compliance as per AS/NZS 4187 and AS/NZS 4815 2001

Mr Michael Keogh
Majac Medical Products Pty Ltd
P.O. Box 74
Virginia Queensland
Australia 4014

Dear Michael,

In reference to your enquiry regarding the **formulation and compliance of Clinidet Medical and Dental Instrument and Equipment Cleaner with the Australian Standards AS2945-1998, AS/NZS4187-2003, AS/NZ4815-2001 and AS2437-1987, and the NHMRC Infection Control Guidelines: Infection Control in the Health Care Setting 2000. AS/NZS4187-1998 and AS/NZS4815-2001** are the primary standards containing recommendations regarding the characteristics of detergents for use in Health Care settings. Other standards and recommendations refer to AS/NZS4187-1998 and AS/NZS4815-2001..

Clinidet complies with AS/NZS4187 and AS/NZS4815 in the following ways;

- (a) Biodegradable**
The surfactants used in Clinidet are classed as biodegradable. All other ingredients are also biodegradable.
- (b) Non-corrosive**
Clinidet contains mild alkaline agents. The detergent concentrate has a pH of 12.2 - 12.8 and the 1/250 diluted solution has a pH of 9.2 - 9.8.
- (c) Non-toxic**
The surfactant system and other ingredients used in Clinidet are classified as **not poisonous** according to the Poisons Schedule (Australia)/Toxic Substances (NZ).

- (d) Non-abrasive**
No abrasive components are present. Clinidet is formulated from soluble components.
- (e) Low foaming**
The surfactant system used in Clinidet is composed of the most advanced non-ionic low foaming surfactants. These surfactants have been specifically designed to be low foaming under high agitation and give powerful wetting and related hard surface detergency at ambient and elevated temperatures. The low foaming properties of the surfactant means that no foam modifying chemicals have been added to the product.
- (f) Free Rinsing**
All the components of Clinidet are freely soluble and free rinsing
- (g) Liquid**
Clinidet is a free flowing liquid. Clinidet can be dispensed via a dispensing pump attached to the top of the container. In the case of mechanical washers/disinfectors or index washers, the 5 Litre plastic jerry can may be used as a reservoir for sealed auto aspirating mixers. The detergent levels can be easily monitored, as the detergent levels are visible.
- (h) Mild Alkaline Formulation**
Clinidet contains mild alkaline agents. The detergent concentrate has a pH of 12.2 - 12.8 and the 1/250 diluted solution has a pH of 9.2 - 9.6

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

Clinidet is one of the very few, if not the only, medical detergent which complies with the Australian Standards ASNZS4187 and AS/NZS4815.

I would like to thank you for your enquiry and I trust the above information is of assistance.

Yours faithfully,

Dr K. L. Gaul
Quality Medical Innovations