



Active Manuka Honey Anhydrous Cream 25%: Product Specification

A. ANTI-BACTERIAL COVER FILM

An anti-bacterial cover film needs to exhibit the following features when applied to damaged skin areas:

1. **Smooth application** with minimum stress.
 - a. Active Manuka Honey Anhydrous Cream[®] forms a smooth film and is extremely spreadable with minimum surface pressure.
2. Be **non-reactive to damaged skin** areas:
 - a. Active Manuka Honey Anhydrous Cream[®] has a pH 4.8 - 5.6 being tissue compatible.
 - b. The super sugar solution factor of allows natural drawing out of serum and discharge from damaged skin areas, working as a gentle poultice.
 - c. Active Manuka Honey Anhydrous Cream[®] is also anti-inflammatory and will soothe irritated skin.
3. An **Anti-bacterial cover film** must be **inert to living tissue** both damaged and intact.
 - a. Active Manuka Honey Anhydrous Cream[®] normally does not need to be removed before cuts are sutured.
 - b. Active Manuka Honey Anhydrous Cream[®] may be applied over veterinary procedures that do not require a sterile dressing.
 - c. Cover application of Active Manuka Honey Anhydrous Cream[®] will minimize exposed tissue cells from dehydrating and dying. Marginal cells of a laceration will remain living for an extended period of time when coated with Active Manuka Honey Anhydrous Cream[®] as an antibacterial film.
 - d. Applied directly to affected areas the cream forms a waterproof film over damaged skin.

B. ANTI-BACTERIAL

The antibacterial activity of honey is due primarily to enzymatically produced Hydrogen Peroxide (H₂O₂), but there is a NON-PEROXIDE antibacterial substance(s) present in some New Zealand Manuka Honey known as NON-PEROXIDE ACTIVITY. This antibacterial quality, beneficial for topical application may also control the bacterial invasion of damaged skin.

The full benefit of Active Manuka Honey is achieved by:

1. Primarily the advantage is from the unique Antibacterial effect (non-peroxide) that is determined by tests formulated by the Waikato University NZ, indicated by a plus (+) and number. Ideal antibacterial activity is achieved if the Active Manuka Honey is 15+ and above.

Ref: <http://bio.waikato.ac.nz/honey/special.shtml>

2. The Peroxide effect (H₂O₂) is released from the honey when aqueous contact is made (serum from damaged areas) providing an autolytic cleaning effect.

3. Honey is a super sugar solution so when applied to damaged skin it draws moisture from the area in an osmotic way so working as a gentle poultice.

SPECIFICATIONS of Active Manuka Honey Anhydrous Cream[®]:

Active Ingredients:

25% Active Manuka Honey.

Form: Anhydrous.

pH: 4.8 - 5.6

Expiry: 36 months from date of manufacture.

Presentation:

Packs:	50g tubes (UK only)	per outer = 30 tubes
	100g tubes (NZ & UK)	per outer = 30 tubes
	500g pots (NZ only)	per outer = 24 pots