

## FiltaBac<sup>®</sup> NZ/AUST: Product Specification

- A. BARRIER PROTECTIVE COVER
- B. ANTI-BACTERIAL
- C. TOTAL SUN BLOCK



### A. BARRIER PROTECTIVE COVER.

The Barrier Protective Cover needs to exhibit the following features when applied to damaged skin areas:

1. **Smooth application** with minimum stress.
  - a. FiltaBac<sup>®</sup> Cream forms a smooth film and is extremely spreadable with minimum surface pressure.
  - b. Visible coating can be applied thickly or thinly to suit conditions.
2. Be **non-reactive to damaged skin** areas:
  - a. FiltaBac<sup>®</sup> has a pH 7.0 - 7.4 being tissue compatible to neutral.
  - b. The high absorbency factor of Titanium dioxide and combined with the Zinc oxide allows natural take-up of serum and discharge from damaged skin areas.
3. **Barrier coating** must be **inert to living tissue** both damaged and intact.
  - a. FiltaBac<sup>®</sup> Cream normally does not need to be removed before cuts are sutured.
  - b. Cover application of FiltaBac<sup>®</sup> 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 FiltaBac<sup>®</sup> Cream as a barrier.
4. **Skin Transpiration** factors must be maintained.
  - a. The continuous aqueous phase of the FiltaBac<sup>®</sup> Cream combined with the dense filming action of Titanium dioxide allows aqueous transfer and transpiration for the covered area, promoting moist wound healing.
  - b. The oil balance in FiltaBac<sup>®</sup> Cream is critical for the protection of the lipid structure of the covered tissue.
5. **Adhesion** of the Cream cover to applied areas of skin.
  - a. FiltaBac<sup>®</sup> Cream, with a medium dense coating, will withstand average to bad weather conditions for up to 3 days.
  - b. FiltaBac<sup>®</sup> Cream is easily and painlessly removed using mild soap or antiseptic liquid in warm water. Clean and pat dry before re-applying FiltaBac<sup>®</sup>.

**Integrity as a Barrier Cover** of the FiltaBac<sup>®</sup> Cream.  
To minimize the contamination of FiltaBac<sup>®</sup> Cream (especially when applied to difficult to clean or dirty skin areas) the preservative function of the cream is maximized by Benzalkonium chloride. This alleviates the growth of yeast and mould and lessens the invasion of pathogens.

## **B. ANTI-BACTERIAL**

Cetrimide BP and Benzalkonium chloride are the anti-bacterial agents. They are non-reactive to the skin and tissue. The presence of Titanium dioxide maintains the anti-bacterial cover while the barrier coating is in place.

## **C. TOTAL SUN BLOCK**

FiltaBac<sup>®</sup> Cream is a total sunblock when a visible cover coating is in place. The cream may be applied to any skin area. Re-apply when filming (white) is not visible.

The combination of Titanium dioxide and Zinc oxide are reflective and are not absorbed. The SPF (Sun Protection Factor) and UVA/UVB ratio protection is maintained while the visible coating is in place.

SPF: 29 - 33 (FDA >15 = ultra protection)  
UVA/UVB Ratio: 0.92 (Category descriptor: >0.8 = maximum)

## **SPECIFICATIONS of FiltaBac<sup>®</sup> CREAM NZ/AUST**

Active Ingredients:

Titanium Dioxide USP	14.0%
Zinc Oxide BP	8.0%
Cetrimide BP USP	0.3%
Benzalkonium chloride	0.08%

Form: Oil in Water Cream.

pH: 7.0 - 7.4  
SG: 1.18 - 1.2

Expiry: 36 months from date of manufacture.

Presentation:

Packs: 120g tubes  
220g tubes  
500g pots  
2000g pots