

# Germol™

## **Pharmacological Class:**

Antiseptic and Antibacterial

## **Presentation & Strength:**

**Cream:** Chloroxylenol BP 0.3% w/w, Triclosan USP 0.3% w/w, Edetic Acid (as Potassium Salt) 0.2% w/w. Germol antiseptic cream is available in a pack of 15gm & 30gm tube.

**Liquid:** Chloroxylenol BP (PCMX) 4.8% w/v, Pine Oil 7.5% w/v, Ethanol (99%) 10.05% w/v. Germol liquid is available in a pack of 50, 100, 250, 500 & 1000 ml bottle.

**Soap:** Germol soap is available in a pack of 75gm & 125gm. Ingredients: Soap Noodles (Abiat 68% TFM), Titanium Dioxide, Trichlorocarbanilide (TCC), Irgasan DP 300, Perfume GF 24216, Butylhydroxytoluene (BHT), Quinoline Yellow, Toney Red.

## **Mechanism of Action:**

Chloroxylenol is bactericidal against most gram positive bacteria. Triclosan blocks the active site of an enzyme called enoyl-acyl carrier-protein reductase (ENR), preventing the bacteria from manufacturing fatty acids it needs for building cell membranes and other vital functions. Humans don't have this enzyme, so triclosan is harmless to them. One molecule of triclosan permanently disables an ENR molecule, which explains why triclosan has powerful antibiotic action even at very low concentrations.

## **Directions for use:**

**Cream:** Germol Antiseptic Cream contains a combination of antiseptic and antibacterial agents specially formulated to kill the bacteria which may cause skin infection. Germol Antiseptic Cream is a useful first aid product as its fast acting; long lasting formula protects against infection and assists in natural healing of the skin in cuts, bites, stings and abrasions. Germol Antiseptic Cream can be used on delicate skin and is suitable for adults and children.

**For Adults and Children:** Apply in small amounts directly onto the skin as required. For cuts, grazes, blisters and stings, clean the wound and surrounding skin by wiping gently with Germol Antiseptic Cream, preferably on a piece of lint or cotton wool. For continued protection apply Germol Antiseptic Cream again. If necessary, cover the injury with a clean dressing. Keep away from eyes.

## **Antiseptic Solution:**

### **Directions for use:**

Emergency Care - First Aid against cuts & bites: Add 20 ml in 250 ml of water and wash affected area.

Personal Hygiene - Bathing: Add 5 ml in a bucket of water for bath.

Domestic Cleaning - Household: Add 20 ml in a bucket of water for cleaning floors & hard surfaces. For Toilets, sinks, drains, etc use undiluted Germol.

Laundry - Washing clothes: Add 20 ml in a bucket of water for washing clothes, linen, etc.

### **Soap:**

Toilet Soap (TFM 68%), Germol soap guarantees hygiene for all the family. For external use only. Do not swallow.

**Side Effects:** Rarely, sensitivity to one of the ingredients may cause irritation of the skin. If this happens you should wash with lukewarm water and stop using the product.