



**Antimicrobial Hand rub**

**PRODUCT DATA SHEET**  
**Revision Date: June 2013**

<b><u>Product Name:</u></b>	<b>Microtol plus antimicrobial Hand Rub</b>
<b>Pack Sizes:</b>	100ml, 500 ml bottle with pump, 1l, 5 l & Can be used in dispensers.
<b>Registrations:</b>	South African Bureau of Standards: 1221:1985 Type I
<b>Manufacturer:</b>	<b>TM Chemicals (Pty) Ltd;</b>
<b>Principle Distributor:</b>	<b>Bawoma Chemicals (Pty) Ltd.</b>
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<b>Active Ingredient:</b>	Nominal value 0,15 % active Microtol for institutional applications
<b>Dilution prior to use:</b>	Use as is

**Description of Product:**

Microtol antimicrobial hand rub is clear, lightly-scented or unscented, depending on the market application, Gel containing 0,15% active microtol, food-grade surfactants, 20% alcohol, carbopol and skin conditioners. It is registered with the SABS as a disinfectant detergent skin cleanser with proven bactericidal, fungicidal and virucidal properties. The fragrance used is to differentiate the general public product from the institutional and food industrial product.



**Usage:**

After washing hands properly and rinsing well with water, dry hands with a disposable towel and then apply the Microtol antimicrobial hand rub onto hands. The warmth of the hands will make the gel turn very quickly to a liquid. Rub hands together as if washing your hands to ensure all of the hands' surfaces are covered. Allow to dry naturally. The alcohol content is present to help with the drying effect. The Microtol content is the disinfecting ingredient. Drying time 30seconds

Hands should feel supple and soft. Aloe Vera oil and Glycerine are the skin conditioners added in this product.

All individual ingredients are CTFA approved. There is no nitrosamine forming ingredients in this product.

**Institutional Applications:**

In the food industry all staff before handling any food have to wash their hands. Traditionally it has always been a very difficult educational process to have staff wash their hands properly. This alcohol hand rub sanitising process after normal hand washing is an insurance step and it leaves the staff hands feeling soft and comfortable. The process does not require the use of any towel drying which sometimes causes further cross contamination of hands after normal washing. This is recommended as a practice in every kitchen or food preparation area, for staff to feel comfortable to disinfect hands as frequently as possible. Minimise cross contamination of hands to food.

Hospitals (all areas where hands require washing), especially in between patient caring, theatres, police stations, clinics, nursing homes, children's homes, mortuaries, prisons, and any other occupation/industry where there is a risk of disease transmission by physical contact, e.g. food handling - before and after eating

**Retail/general public use applications:**

For personal hygiene to disinfect hands before and after eating, after going to the bathroom or anytime when hands need to be disinfected.

**PRODUCT SPECIFICATIONS**

Appearance:	clear gel solution.
Solubility:	100% in water and alcohol
pH:	Ideally between 6.5 – 7.8 However during the shelf life the pH tends to drop And the range of acceptable pH is 5.5 – 7.5
% Microtol	0.15% in the concentrate solution.

