

# BELSIL® 5512 HP

SILICONE MICRO EMULSION

(INCI :PEG 7 Amodimethicone, Hydroxypropyl Cyclodextrin, Behentrimonium Chloride & Trideceth –10)

## Characteristics

Belsil® 5512 HP is a micro-emulsion of PEG-7 Amodimethicone, Hydroxypropyl Cyclodextrin & it also has Behentrimonium Chloride as a dipositing agent to boost up the properties.

## Application

The most important field of application of Belsil® 5512 HP is in bar soap & liquid body soap.

Belsil® 5512 HP provides durable moisturising and soft skin feel.

Belsil® 5512 HP also helps in retention of perfume in the soap & as well on the skin.

The foam of Belsil® 5512 HP incorporated soap becomes creamier and luxurious.

Belsil® 5512 HP also helps to remove residual surfactants during bath when used in body soap formulation and hence save huge amount of good quality water from waste.

Belsil® 5512 HP also increases in the soap bar longibity by removing cracks inside the bar.

The recommened dose is 1.0 – 2.0 %, but the optimum dose could be decided in case of a particular formulation.

In case of bar soap application, Belsil® 5512 HP is to be used at final stage of mixing in sigma mixture before the perfume addition so that it could be properly dispersed in a soft soap mass.

However, in case of body soap application Belsil® 5512 HP, is to be added at the last stage before the perfume, but after the addition of it a suitable thickner is to be added to build up the desire rehology. (eg. Sodium Chloride for clear type or Penta Erythritol Distearate for opaque type)

## Storage

Belsil® 5512 HP, must be stored in the tightly closed original container under exclusion of moisture.

The "Best use before end" date of each batch is shown on the product label.

Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

## Safety notes

Detailed safety information is contained in each material data safety sheet, which can be obtained from our sales offices.

## Belsil® 5512 HP

|                            |                 |  |
|----------------------------|-----------------|--|
| Appearance                 | Visual          | Clear / slight hazy liquid, Colourless / light straw |
| Active substance (%)       |                 | 21   |
| Non volatile substance (%) | 2 gm/105°C/3 hr | 38 - 42  |
| pH                         | @ 25°C          | 5.5 – 7.5  |
| Suitable Diluent           |                 | Water  |

The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the products for a particular purpose.

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Wacker Metroark Chemicals Pvt. Ltd.  
Diamond Harbour Road Chandi, 24 Par (S)  
W. Bengal 743 503,  
India  
Tel: 033 - 24072 101  
Fax: 033 -24072 502  
email: wmc.cal@vsnl.com