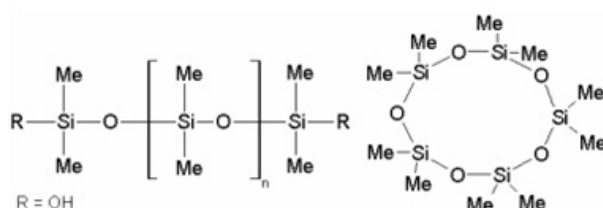


BELSIL® CM 3092

CYCLOPENTASILOXANE, DIMETHICONOL

Product description

Structural formula:



BELSIL® CM 3092 is a blend of cyclopentasiloxane and a high-molecular dimethiconol. Due to its composition, it combines the properties of the low-viscosity, volatile cyclopentasiloxane and the extremely high-viscosity dimethiconol. The excellent spreading of cyclopentasiloxane allows a good distribution of the high-viscosity conditioning agent dimethiconol.

Application

BELSIL® CM 3092 is used in hair-care and in skin-care applications.

Skin-care and skin-protection preparations containing BELSIL® CM 3092 impart a pleasant, supple feel to

skin; it facilitates the distribution of the formulations and improves skin elasticity. At the same time, it forms a water-resistant but breathable protective barrier. This provides good substantivity and fixation of active ingredients.

Use of BELSIL® CM 3092 in hair-care products yields sleek, shiny hair. Damaged hair regains a natural, healthy appearance. Wet and dry combability are improved, and further damage to the hair cuticles is prevented. It is also widely used in hair-tip fluids.

Storage

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

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site <http://www.wacker.com>.

Product data

| Typical general characteristics | Inspection Method | Value |
|---------------------------------|-------------------|----------------------------------|
| Appearance | | clear, colorless |
| Viscosity, dynamic at 25 °C | | approx. 7500 mPa.s |
| Refractive index (25°C) | | 1,397 |
| Density at 25 °C | | approx. 0,96 g/cm ³ |
| Active ingredients content | | 15 % |
| INCI name | | Cyclopentasiloxane, Dimethiconol |

These figures are only intended as a guide and should not be used in preparing specifications.

Additional information

Solubility

| Ingredient | BELSIL® CM 3092 | Ingredient | BELSIL® CM 3092 |
|-----------------------------|--------------------|-----------------------------|--------------------|
| Mineral oils | | Alcohols | |
| C9-13 isoparaffin | ✓ | Octyl dodecanol | - |
| Mineral oil (high-visc.) | - | Oleyl alcohol | - |
| Mineral oil (low-visc.) | - | Propylene glycol | - |
| | | Isopropanol | - |
| Ester / Ester oils | | Ethanol | - |
| Ethyl acetate | ✓ | Glycerin | - |
| C12-15 alkyl benzoate | - | | |
| Isopropyl myristate | ✓ | Ketone | |
| Oleyl oleate | - | Benzophene-3 | - |
| Ethylhexyl methoxycinnamate | p | 4-Methylbenzylidene camphor | p |
| Ethylhexyl salicylate | ✓ | | |
| | | Water | - |
| Triglycerides | | | |
| Castor oil | - | | |
| Olive oil | - | | |
| Wheatgerm oil | - | | |
| Lanolin oil | - | | |

✓ = soluble (> 10%)

p = partially soluble (1 - 10%)

- = insoluble

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.

The management system has been certified according to DIN EN ISO 9001 and DIN EN ISO 14001

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For technical, quality, or product safety questions, please contact:

Wacker Chemie AG
Hanns-Seidel-Platz 4
81737 München, Germany
info.silicones@wacker.com

www.wacker.com