Silicones Additives Chemicals Lubricants





BRB CM 45-S INCI NAME: Cyclotetrasiloxane (and) Cyclopentasiloxane.

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Description

BRB CM 45-S is a clear fluid of low viscosity and high volatility blend of cyclosiloxanes. This blend of Cyclotetrasiloxane (known as D4) and Cyclopentasiloxane (known as D5) is a base fluid in various personal care products because of its unique sensory and volatility characteristics.

Application

BRB CM 45-S is used as volatile carrier in Antiperspirants/deodorants, hair care formulations, skin care creams and lotions as well as in make-up products.

The Cyclotetrasiloxane evaporates at a faster rate than the Cyclopentasiloxane, giving a different balance between volatility and spreading compared to straight Cyclopentasiloxane.

Features

- Volatile carrier
- Low surface tension and viscosity
- Compatible with a wide range of cosmetic ingredients

Benefits

- Imparts soft silky feel to the skin
- Excellent spreading
- Leaves no oily residue or build-up and an excellent dry non-greasy feel

Typical Data

Parameter Appearance	Unit	Value Colourless liquid
Specific gravity at 25°C		0.95
Viscosity at 25°C	mm²/s	2.7
Freeze point	°C	< 10
Cyclotetrasiloxane (D4) Content	%	< 75

How to Use

BRB CM 45-S may be used alone or blended with other cosmetic fluids to provide a fluid base for a variety of cosmetic ingredients. It features good solubility in most anhydrous alcohols and in many cosmetic solvents. **BRB CM 45-S** should be stored at 5°C above its freeze point. If the material does freeze on no account should a naked flame be used to melt the product.

A Product Safety Data Sheet should be obtained from your BRB office prior to use. ATTENTION: Before handling, read product information, Product Safety Data Sheets and container labels for safe use, and any physical and/or health hazard information.

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Warranty: The information given in this product data sheet are believed to be fully accurate. However, BRB International BV shall not be liable for its content and make no warranty with respect thereto. For additional information we request you to contact BRB International BV or visit our web-site: www.brb-international.com