



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	Unit	Value
Appearance		Colourless liquid
Specific gravity at 25°C		0.95
Viscosity at 25°C	mm ² /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.