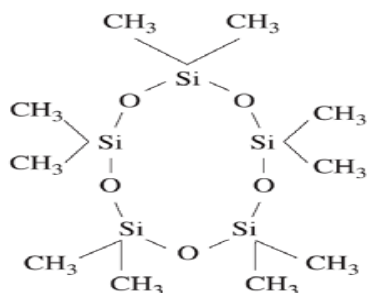


Wynca[®] XHG-025

Decamethylcyclopentasiloxane (D5)

1, Product Description

Wynca[®] XHG-025 fluid has the formula:



WYNCA[®] XHG-025 is cyclopentasiloxane with feature nontoxic, odorless, colorless, tasteless.

WYNCA[®] XHG-205 is compatible with a wide range of cosmetic ingredients, it is volatile carrier with low surface tension.

2, Application

- A base fluid in a number of personal care products, with excellent spreading, easy rub-out and lubrication properties together with unique volatility characteristics.
- Antiperspirants, deodorants, hair sprays, cleansing creams, skin creams, lotions and stick products, bath oils, suntan and shaving products, make-up, nail polishes.

3, Typical Property

Appearance:	Colorless clear liquid
Content:	≥99.0%
Density(ρ^{20} , g/cm ³):	0.950
Viscosity(25°C):	3.87mm ² /s
Refractive index(n_D^{20}):	1.3982
Melting point:	-38°C
Boiling point:	210°C

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

4, Package

190KG metal drum

950KG IBC

5, Processing

Wynca[®] XHG-025 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.

Wynca[®] XHG-025 is a volatile fluid with appreciable vapor pressure at ambient temperature.

Due to Wynca[®] XHG-025 is compatible with a wide range of cosmetic ingredients, so it gives typical vapor pressure vs temperature data for the fluids along with those for water and ethanol. The data given should be helpful in determining volatility range and in calculating the partial pressure of the silicone in a formulated system. By using blends of cyclomethicones this difference in volatility can be used to vary the residence time of the silicone on the skin.

Unlike other volatile carriers used in the personal care industry, volatile silicone fluids do not cool the skin when they evaporate. This is a consequence of their unusually low heat of vaporization.

6, Storage and Transportation

Keep away from fire and direct sunlight. Keep in dry and well-ventilated place. It has 24 months shelf life in closed containers. Products beyond the shelf life can be usable, if quality check passed.

Transported as non-dangerous goods.

7, Product Safety

When considering the use of any WYNCA products in a particular application, review our latest Material Safety Data Sheets and ensure that the use intended can be accomplished safely. For Material Safety Data Sheets and other product safety information, contact the WYNCA sales office nearest you. Before handling any of the products mentioned in the text, please obtain available product safety information and take necessary steps to ensure safety of use.

8, Disclaim

ZHEJIANG XINAN CHEMICAL INDUSTRIAL GROUP CO.LTD(WYNCA) believes that the information in this supplement is an accurate description of the typical uses of the product. However, as conditions and methods of use of our products are beyond our control, therefore, it is the user' s responsibility to thoroughly test the product in their particular application to determine its performance, efficacy and safety. Suggestions of use shall not be taken as inducements to infringe any patent or any other intellectual property right.