▲OUPONT Liveo™ ST-Cyclomethicone 5 - NF

Silicone Topical Excipients

Excipient for pharmaceutical applications

Liveo[™] ST-Cyclomethicone 5-NF is a clear, colorless, volatile polydimethylcyclosiloxane composed mainly of decamethylcyclopentasiloxane.

Composition:

Decamethylcyclopentasilxoane (D5), INCI name: Cyclopentasiloxane, CAS number: 541-02-6

Applications, Features & Benefits:

Liveo[™] ST-Cyclomethicone 5-NF is commonly used as a base fluid in topical formulations because of its volatility, spreading and sensory benefits – namely their smooth, dry and non-greasy feel on the skin. Liveo[™] ST-Cyclomethicone 5-NF is currently used in a range of dermatological treatments and pharmaceutical applications, such as creams and gels, and in medicated treatments for skin and scalp applications. Volatile siloxane, Ease of spreading, Non-occlusive, Non-greasy, Leave non-oily residue, Imparts soft smooth feel on the skin, Detackifier, Solvent, Non-cooling effect on skin

Packaging:

Liveo[™] ST-Cyclomethicone 5-NF is available in pails and in drums. Samples for Liveo[™] ST-Cyclomethicone 5-NF are available in bottles.

Product information

Colour	Transparent	
Rheological properties Viscosity	3.8 mPa.s	
Thermal properties Flash point	77 °C	ASTM D 92
Other properties Density Refractive index	995 kg/m³ 1.397 -	ISO 1183
Storage and stability Shelf life	30 months	
Additional Information		
How to use	Liveo™ ST-Cylomethicone 5-NF may be used alone or blended with other silicone or organic excipients to provide a base for a variety of formulations. Liveo™ ST-Cylomethicone 5-NF features good solubility in most anhydrous	

alcohols and in many solvents commonly used in pharmaceutical products. Unlike other volatile carriers used in the pharmaceutical industry, volatile

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silicone fluids do not cool the skin when they evaporate. This is a consequence of their unusually low heat of vaporization

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