

Liveo™ Silmogen Carrier

Silicone Topical Excipients

Excipient for pharmaceutical applications

Liveo™ Silmogen Carrier is a blend of ultrahigh viscosity hydroxyl terminated polydimethylsiloxane (Dimethiconol) in a volatile silicone fluid (hexamethyldisiloxane).

Composition:

Dimethiconol in hexamethyldisiloxane, INCI name: Dimethiconol and Hexamethyldisiloxane, CAS number: 107-46-0; 70131-67-8

Applications, Features & Benefits:

Liveo™ Silmogen Carrier can be used as carrier for topical sprays due to its anti-caking effect, high volatility and substantivity. Liveo™ Silmogen Carrier can be used as a pharmaceutical excipient for various topical formulations, such as creams, lotions, sprays and gels, for the delivery of active drugs. When use as an excipient in topical pharmaceutical formulation, Liveo™ Silmogen Carrier can provide short term lubrication, smooth feel, emolliency, ease of spreading and substantivity. Film former, Long lasting substantivity, Soft smooth feel, Non-occlusive, Spreading agent, Wash off resistant, High volatility fluid as carrier

Packaging:

Liveo™ Silmogen Carrier is available in pails. Samples for Liveo™ Silmogen Carrier are available in bottles.

Storage:

Liveo™ Silmogen Carrier is highly flammable. Therefore, it must be stored in a flameproof, well-ventilated area. Keep containers tightly closed and away from heat, sparks, open flames and other sources of ignition.

Product information

Colour	Transparent -	
Polydimethylsiloxane content	1 %	PhEur 1470

Rheological properties

Viscosity	1.5 mPa.s
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Thermal properties

Flash point	°C	ASTM D 92
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Other properties

Density	761 kg/m ³	ISO 1183
Refractive index	1.375 -	



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Storage and stability

Shelf life

18 months

Additional Information

How to use

Storage & Shipping:

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How to Use:

Liveo™ Silmogen Carrier may be used alone or blended with other silicone or organic excipients to provide a base for variety of formulations types. Liveo™ Silmogen Carrier is compatible with a range of materials and exhibits a broad solubility range that makes formulating relatively easy. Unlike other volatile carriers used in the pharmaceutical industry, volatile 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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