

Liveo™ ST-Dimethiconol 40

Silicone Topical Excipients

Excipient for pharmaceutical applications

Liveo™ ST-Dimethiconol 40 is a clear, colorless, hydroxyl terminated polydimethylsiloxane fluid. Because of its hydroxyl functionality, it is more hydrophilic than polydimethylsiloxane, making it more suitable siloxane for hydrophilic active.

Composition:

Hydroxy-terminated polydimethylsiloxane, INCI name: Dimethiconol, CAS number: 70131-67-8, 556-67-2, 541-02-6

Applications, Features & Benefits:

As an excipient, Liveo™ ST-Dimethiconol 40 can provide excellent spreading, a non-greasy feel and lubrication in applications including dermatological and pharmaceutical treatments, such as creams, gels, and sticks for skin. Liveo™ ST-Dimethiconol 40 can improve the bioavailability of active drug, the aesthetics and the process ability of topical pharmaceutical formulations. Excellent spreading, Provide lubricity, Low surface tension, Non-occlusive

Packaging:

Liveo™ Dimethiconol 40 is available in pails and in drums. Samples for Liveo™ ST-Dimethiconol 40 are available in bottles.

Product information

Colour	Transparent
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Rheological properties

Viscosity	41 mPa.s
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Thermal properties

Flash point	122 °C	ASTM D 92
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Other properties

Density	980 kg/m ³	ISO 1183
Refractive index	1.404 -	

Storage and stability

Shelf life	12 months
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Additional Information

How to use	Liveo™ ST-Dimethiconol 40 may be used alone or blended with other silicone or organic excipients to provide a base for variety of formulations. Liveo™ ST-Dimethiconol 40 is compatible with a wide range of materials that make formulating relatively easy. It also helps the compatibility of hydrophilic actives and features good solubility in most anhydrous alcohol and many solvents common in pharmaceutical formulations.
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