



Liveo™ Q7-9180 Silicone Fluid 0.65 cSt

Silicone Topical Excipients

Excipient for pharmaceutical applications

High-purity volatile silicone fluids (Low viscosity and linear polydimethylsiloxane fluid)

Applications, Features & Benefits:

Carrier for sprays, spreading agent. Fast evaporation rate; dry, smooth feel; non-oily

Composition:

Chemical name: Hexamethyldisiloxane

INCI name: Disiloxane

CAS number: 107-46-1

Product information

| | | |
|--------|------------------|------|
| Colour | Transparent | - |
| Basis | Hexamethyldisilo | - |
| | xane | |
| Purity | | 99 % |

Rheological properties

| | | |
|-----------|-----|-------|
| Viscosity | 0.5 | mPa.s |
|-----------|-----|-------|

Thermal properties

| | | |
|-------------|-------|-----------|
| Flash point | -3 °C | ASTM D 92 |
|-------------|-------|-----------|

Other properties

| | | |
|------------------------|-----------------------|-------------|
| Density | 760 kg/m ³ | ISO 1183 |
| APHA colour | 15 | - |
| Drying rate similar to | acetone | ASTM D 1209 |

Storage and stability

| | | |
|------------|----|--------|
| Shelf life | 60 | months |
|------------|----|--------|

Additional Information

How to use

Storage :

To be stored at or below 25°C in the original unopened containers. Liveo™ Q7-9180 Silicone Fluid is highly flammable. Therefore, it must be stored in a flame proof, well-ventilated area. Keep containers tightly closed and away from heat, sparks, open flames and other source of ignition. Take precautionary measures against static discharges (grounding, use of glassware). Handle in a well-ventilated area.



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How to Use:

Liveo™ Q7-9180 Silicone Fluid may be used alone or blended with other ingredients to provide a fluid base for topical pharmaceutical formulations.

Liveo™ Q7-9180 Silicone Fluid is compatible with a wide range of materials and exhibit a broad range of solubility that makes formulating relatively easy.

Chemical Media Resistance

Hydrocarbons

- ✓ n-Hexane, 23°C
- ✓ Toluene, 23°C
- ✓ iso-Octane, 23°C

Symbols used:

- ✓ possibly resistant
Defined as: Supplier has sufficient indication that contact with chemical can be potentially accepted under the intended use conditions and expected service life. Criteria for assessment have to be indicated (e.g. surface aspect, volume change, property change).
- ✗ not recommended - see explanation
Defined as: Not recommended for general use. However, short-term exposure under certain restricted conditions could be acceptable (e.g. fast cleaning with thorough rinsing, spills, wiping, vapor exposure).

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