

Product Data Sheet

Lytol

White Mineral Oil

Product Description

White Mineral Oils are highly refined, odorless, tasteless and have excellent color stability. They are chemically and biological stable and do not support bacterial growth. Their inert nature makes them easy to work with as they lubricate sooth, soften and hold in moisture in formulations. These oils can be found in a variety of product lines such as antibiotics, baby oils, lotions, creams, shampoos, sunscreens and tissues.

Physical Properties

| Properties | Unit | Method | Specification | Typical |
|--|--------------------|-------------|---------------|---------|
| Density at 20°C | kg/m ³ | ASTM D 1298 | 810-830 | 820 |
| Kin. Viscosity at 40°C | mm ² /s | ASTM D 445 | 3-5 | 3.9 |
| Kin. Viscosity at 100°C | mm ² /s | ASTM D 445 | | 1.6 |
| Dyn. Viscosity at 20°C | mPa.s | ASTM D 445 | | 5 |
| Pourpoint, COC | °C | ASTM D 97 | Max. 3 | -3 |
| Flashpoint | °C | ASTM D 92 | Min. 110 | 113 |
| Saybolt Colour | | | +30 | +30 |
| Odour & Taste | | | None | None |
| Carbonizable Substances | | All Pharm. | Pass | Pass |
| U.V. Absorbance | | All Pharm. | Pass | Pass |
| Polycyclic Aromatic Hydrocarbons (Polynuclear Compounds) | | USP/NF/EUP | Pass | Pass |
| Neutrality | | USP/NF/EUP | Pass | Pass |
| Solid Paraffins | | USP/NF/EUP | Pass | Pass |

Purity

This oil meets the purity requirements of all International Pharmacopoeias. Moreover it meets the requirements of the Food Industry in the various countries, such as the Food and Drug Administration (FDA § 172.878), Lebensmittelgesetz, etc.

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