



PRODUCT SPECIFICATION

UC40

- DESCRIPTION:** Blue cholesteric liquid crystal mixture.
- COMPOSITION:** Mixture of cholesterol derivatives.
- SOURCE:** Synthetic, Naturally Derived (from Cholesterol)
- INCI NAMES:** Cholesteryl Oleyl Carbonate (and) Cholesteryl Nonanoate (and) Cholesteryl Chloride (and) Butylated Hydroxytoluene
- PROPERTIES:**
- | | |
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| Color: | Blue |
| Odour: | Characteristic to match standard |
| Appearance: | Viscous iridescent oily liquid |
| Clearing Point: | 51 – 56 °C |
| Viscosity: | 2800 - 3800 cPS (Brookfield RVF-100, #6 Spindle, 10 RPM, 1 minute, 30°C) |
| Specific Gravity: | 0.97 – 1.00 |
| Antioxidants: | BHT @ 0.1 % |
| Actives: | None |
| Free Cholesterol: | < 0.3 % |
| Loss on Drying: | < 0.25% |
| Residual Solvents: | < 0.5 % |
| Fatty Alcohols: | < 0.3 % |
- STORAGE:** Store in the general chemical storage area (15-30 °C, 60-85 °F) out of direct sunlight. Keep containers tightly closed. Unopened containers have a useful shelf life of 12 months if stored correctly.

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