



PRODUCT SPECIFICATION

UC50

DESCRIPTION: Violet 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:

Color:	Violet
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.