

Argan Liquid Crystals are part of a unique family of materials that exhibit both organized solid (crystalline) and liquid properties. By adjusting the ratio of certain cholesteric esters, Argan is able to produce Liquid Crystals that reflect a variety of light wavelengths to produce dramatic and colorful effects. These combinations of esters not only provide iridescent visual properties, they are highly functional in personal care products:

- Moisturizing
- Emollient
- Visually appealing
- Conditioning

Liquid Crystals are highly skin compliant and readily absorbed by the skin; ideal for use as a carrier for a variety of cosmetic actives. Because they are readily taken up by the skin, they may be used to deliver various to hair, skin and nails.

PROPERTIES

Grades:	LC-Blue	LC-Green	LC- Orange	LC- Red	LC-Violet
Appearance	Iridescent blue	Iridescent green	Iridescent orange	Iridescent red	Iridescent violet



Form	Free flowing, viscous liquid
INCI Name	Cholesterol Oleyl Carbonate (and) Cholesteryl Nonanoate (and) Cholesteryl Chloride
CAS Number(s)	17110-51-9, 1182-66-7, 910-31-6
EINECS Number(s)	241-179-7, 214-658-3, 213-004-4
Typical Use Level	0.5 – 2.0%
Formulation Restrictions	Not recommended for solvent, emulsifier or surfactant containing formulas as they tend to solubilize the crystalline structure of this product, reducing or eliminating the iridescent effects.

The information provided is to our best present knowledge correct and complete and is given in good faith but without warranty. It remains the user's own responsibility to make sure that the information is appropriate and complete for his special use of this product.

February 1, 2019