

### Typical Properties

Appearance at cloud point (11°C)	Clear limpid liquid with presence
Colour, Gardner	< 5
Freezing point, °C	6
HLB	11
Boiling point, °C	354
Flash Point, °C	173
Kauri-Butanol Value, IKB	69
Iodine Index, g I <sub>2</sub> / 100g MIN	100 - 120
Acid Index, mg KOH/g	< 5
C18 Ester Content, %	> 73

### Product Description

**Oleris Esterol A** have saturated and unsaturated, essentially in C18 (primarily oleate and linoleate) methyl esters of linear fatty acids.

**Oleris Esterol A** processed from castor oil, 100% vegetable oil origin.

**Oleris Esterol A** is readily biodegradable; HLB=11; can be formulated in aqueous solutions with non-ionic surfactants. If low temperature is needed we recommend to use Oleris® Esterol F.

#### Applications of **Oleris Esterol A**

- Lubricant additive (as viscosity regulator) in cutting oils and metal working fluids;
- Oily agent for the treatment of leather and textile;
- Degreasing and cleaning agent;
- Bio-based plasticizers in coatings and adhesives applications.

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