

innollient™ LO is a liquid estolide (an ester linkage of one fatty acid to the hydroxyl group of a second one) mainly composed of saturated and unsaturated fatty acids displaying hydrophilic groups with high affinity for water molecules. A structural feature of innollient™ LO is the presence of a Guerbet derivative creating a lipophilic lateral branch. This derivative imparts fluidity and low-friction characteristics to innollient™ LO. The main benefits provided by innollient™ LO are the spreadability index and a unique skin feel coupled to a significant improvement of the skin resiliency.

## Clinical actions and sensorial properties

- Improvement of skin barrier function (TEWL)
- Increase in skin resiliency (cutometry)
- High spreadability index
- Superior emollient action
- Cyclomethicone-like skin feel
- Long-lasting effect (up to 8 hours)

## Technical information

- Octyldodecyl Oleate, Octyldodecyl Stearoyl Stearate, Polyhydroxystearic Acid, Octyldodecanol
- Soluble in oils
- Recommended use level: 1-10 %
- Ideal for:
  - Skin moisturizing, emollience
  - Improving skin barrier function and resiliency
  - Dispersing pigments – sunscreen; makeup formulations
  - Hair care
  - Natural alternative to cyclomethicone

