



Performance | Sustainability | Technical Excellence | Commercial Scale

## ***Innoleo® C18/70 (CAS# 57-11-4)***

Innoleo® C18/70 is a high-quality grade stearic acid that is useful as an emulsifier, emollient, and lubricant in various applications. The product can be used effectively in the production of in-situ soaps during the production of industrial greases, as a vulcanization agent in rubber production, and as a lubricity enhancer in industrial lubricant formulas.

### Product Performance Benefits

- High thermal stability
- Oxidatively stable
- Biodegradable
- Sustainable
- Metal surface affinity
- Environmentally friendly

### Typical Properties

Property	Units	Result
Total Acid Number	mg KOH/g	200-207
Saponification Value	mg KOH/g	201-208
Iodine Value	g I <sub>2</sub> /100g	1 max
Color (Lovibond)	-	0.3R/3.0Y max
Titre	°C	59-63
Fatty Acid Composition	C14 and below, %	1.0 max
	C16, %	24.0-30.0
	C18, %	70.0-75.0
	C18:1, %	1.0 max
	C20 and above, %	2.0 max

### Applications

- Grease
- Rubber production
- Industrial lubricants
- Cosmetics

*The concierge service provider of sustainable oleochemicals*