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## Product Specification Oleic Acid CAS No. : 112-80-1+67701-08-0



<b>Chemical name :</b>	Oleic Acid
<b>chemical name :</b>	Fatty acids, c14-18 and C18-unsatd.
<b>Appearance :</b>	pale yellow liquid
<b>Acid value :</b>	195-207 mg KOH / g
<b>Iodine value :</b>	min. 85 g I <sub>2</sub> /100 g
<b>Density :</b>	0,890
<b>Packing :</b>	drums/IBC/bulk
<b>Einecs :</b>	204-007-1

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**WGK :** 1

**Other :** viscosity at 40 °C: ca 17 mm<sup>2</sup>/s,  
cloud point: ca. 6°C

**Synonym :** Olein blond, (Z)-9-Octadecensäure

**General informations :** Water solubility < 0.05 g/l (RT)  
pH value < 7  
Boiling range > 250 °C  
Decomposition range > 300 °C  
flash point > 180 °C

Typical C-chain distribution:

C16 4%; C16:1 7%; C18:1 70.5%; C18:2 10.5%; C18:3

**Application :** Industrial applications: In industry, oleic acid is used as a raw material in the production of oils, lubricants, soaps and detergents.

Biofuels: It can be used as a raw material in biodiesel production.

Chemical synthesis: Oleic acid serves as an intermediate in the chemical synthesis of compounds such as fatty acid esters, alcohols and amides.

**Product categories :** carbonic acid or carboxylic acid,

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This data is only for your information purposes and does not imply a guarantee for a certain application.