



Oleo Misr for Oleochemicals S.A.E
أوليو مصر للأوليوكيماويات ش.م.م

Technical Data Sheet

Product Name: Oleic Acid 80 % Min.

CAS No.: 112-80-1

Chemical Name: 9-Octadecanoic Acid

Product Description:

Oleic Acid is a monounsaturated fatty acid derived from splitting of high oleic sunflower oil under high pressure & high temperature.

Applications:

In Textiles & Leathers as lubricating and emulsifying agents, in Esters, Fatty Acids Esters, Fatty Amines and Esterquates, in Personal Care as emulsifier for facial creams and lotions, in Food and Beverage as emulsifier, spray coating, in Rubber manufacturing as activator / accelerator, in Metal Working Fluids as intermediate, in Oil and Gas as intermediate for drilling, fracking fluids and Mining, in Detergents as anionic, nonionic surfactant, and fabric softener.

Specifications:

Parameters (units)	Specifications
Appearance	Liquid
Odor	Fatty odor
Acid value (mg KOH / g)	195 - 205
Iodine value I2/100 gm. S	90 - 105
Titer (°C)	13 Max
Color, Lovibond 5 1/4"	0.5 / 5 Max
Saponification value (mg KOH / g)	196 - 206
Impurities (%)	0.1 Max
Moisture (%)	0.1 Max
Unsaponifiable Matters %	1.0 Max
C-12, C-14, C16:0	8.0 Max
C-18:0 Stearic acid (%)	5.0 Max
C-18:1: Oleic acid (%)	80 Min
C-18:2: Linoleic acid (%)	15 Max
C-18:3: Linolenic acid (%)	1 Max
Others (%)	1 Max

Packaging: Material is available in HDPE drums, flexi tank, iso tank or IBCs.

Storage: Product should be stored in a dry place away from direct sunlight in a sealed container.

Safety: For further information refer to product MSDS available from Oleo Misr.

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