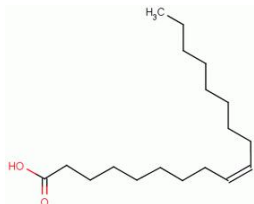


Technical Data Sheet

Basic information

Chemical name	Oleic acid	Formula	C18H34O2
Synonyms	9-Octadecenoic acid	Chemical structure	
CAS.No.	112-80-1		
EINECS No.	204-007-1		
Molecular weight	282.46		

Physical properties

Appearance	light yellow transparent oily liquid
Density,20°C, g/cm ³	0.89
Boiling point,°C	360
Melting point,°C	13
Flash point,°C	189
Refractive index	1.4585-1.4605
Solubility	Insoluble in water, soluble in ethanol & other organic solvents.

Specification

Items	Plant grade	Animal grade
Appearance	light yellow to brown oily transparent liquid	light yellow to brown oily transparent liquid
freezing point ° C ≤	4.0	8.0
iodine value (gl2、100g)	100-150	80-105
saponification value CgKOH/g	190-205	190-205
acid value CgKOH/g	190-203	190-203
moisture 1% ≤	0.3	0.3
colour and lustre C10% ethyl alcohol solution/Hezen	200	200
C18: 1 content ※ 1% ≥	30-70	50-70

Application

For preparation of epoxy butyl oleate; as anti-static agent and lubrication agent is wool spinning industries; widely applied in emulsion explosive, cosmetics, textile, petroleum products and oil exploitation industries

Package

180kg/drum, 80drums per 20GP container

Safety on transportation

Always refer to MSDS.

Storage and handling

Keep tightly closed, store in a cool dry place.

Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

The information above is believed to be accurate and represents the best information currently available to us. However, In no event shall we be liable for any claims, losses, or damages of any third party resulting from its use.

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