CG 222 Technical Date Sheet

1. Chemical Composition

Chemical Name: Oleic acid

CAS #: 112-80-1

2. Product Description

CG 222, Oleic acid, is a fatty acid obtained by saponification of the triglycerides. It is an unsaturated linear C18 carboxylic acid. The triglyceride of oleic acid is very common in nature, occurring in various animal fats and vegetable oils. Industrial oleic acid is typically a colorless to light yellow liquid at ambient. Oleic acid is wieldy used in a variety of industries. The applications include, but are not limited to surfactants, detergents, anti-rust agents, food additives, drilling fluid additives, water treatment, and lubricant additives.

3. Applications

CG 222, Oleic acid, is useful for a variety of applications, which include, but are not limited to,

- Chemical intermediate
- Emollient agent
- Emulsifying agent
- Softener
- Anti-rust agent
- Raw material to make lubricant additives and base oils.

CG 222, Oleic acid, is widely used in many industries, which include, but are not limited to,

Food, cosmetics, lubricants, personal care and pharmaceuticals, etc.

4. Typical Chemical and Physical Properties

Property	Results
Appearance, 25 °C	Light yellow liquid
Density, g / mL, 25 °C	0.895
Acid Value, mg KOH / g	200
Iodine Value, g I_2 / 100g	93
Titer temperature, °C	8.8

5. Packaging

180 kg / drum or 396 lbs / drum

Bulk

6. Handling and Storage

Recommended handling temperature: Ambient temperature preferred, 60 °C Max.

Storage: the product is recommended to be stored in cool and dry areas. Direct sunlight should be avoided. Ambient temperature is highly recommended for long-term storage.

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