CG 201 Technical Date Sheet

1. Chemical Composition

Chemical Name: Stearic acid

CAS #: 57-11-4

2. Product Description

CG 201, Stearic acid, is a fatty acid obtained by saponification of the triglycerides. It is a saturated linear C18 carboxylic acid. The triglyceride of stearic acid is very common in nature, particularly in animal fat. Industrial stearic acid is typically a mixture of stearic acid and other fatty acid impurities, with palmitic acid as the major one. At ambient, stearic acid is a white waxy solid. Stearic acid is widely used in many industries.

3. Applications

CG 201, Stearic acid, is useful for a variety of applications, which include, but are not limited to,

- Chemical intermediate
- Emulsifier
- Detergent
- Rust inhibitor
- Softening and release agent

CG 201, Stearic acid, is widely used in many industries, which include, but are not limited to,

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

4. Typical Chemical and Physical Properties

Property	Results
Appearance, 25 °C	White waxy solid
Moisture, wt%	0.1
Iodine Value, g / 100g	0.5
Acid Value, mg KOH / g	205

Titer temperature, °C	60
Saponification value, mg KOH/g	205

5. Packaging

25 kg / bag or 55 lbs / bag

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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