

## 1842 Technical Data Sheet

### Product Characteristics

Stearic Acid, also called Octadecanoic Acid, is one of the most common long-chain fatty acids. It is a colorless, waxy solid that is almost insoluble in water. Commercial stearic acid is a mixture of approximately equal amounts of stearic and palmitic acids and small amounts of oleic acid. It is employed in the manufacture of candles, cosmetics, shaving soaps, lubricants, and pharmaceuticals. Stearic acid is a common lubricant during injection molding and pressing of ceramic powders. It is also used as a mold release for foam latex that is baked in stone molds.

### Applications

- Detergents
- Cosmetics
- Lubricants in PVC products
- Production of stearates
- Fireworks

### Specifications & Properties

➤ Appearance:	White powder
➤ Description:	Stearic Acid 43% triple Pressed
➤ Moisture:	≤0.2 %
➤ Iodine Value:	≤0.5 Max gI <sub>2</sub> /100 g
➤ Acid Value:	207 – 211 mg KOH/g
➤ Melting Point:	53 - 57 °C
➤ Saponification Value:	208 – 212 mg KOH/g
➤ Color:	≤60 Hazen
➤ C 12 + C 14:	≤1.5 max
➤ C16:	52-59 max
➤ C18:	40 - 44 max
➤ Other	≤1 max

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## Properties

- A waxy product which comes in beads
- Not hazardous material

## Packing

In 25kg PB.PP.BB bags

## Safety Precautions

Please consult the MSDS before handling for additional information concerning personal protective equipment, Safety, Health and Environmental information, and always exercise the utmost care in handling.



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POLYMER

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