

# Stearic Acid Manufacturing Business

## Description:

### Stearic Acid Manufacturing Business. Production of Octadecanoic Acid

Stearic acid is also called octadecanoic acid, which is basically one of the most common long-chain fatty acids. Stearic acid has extensive applications in many fields, for instance, cosmetic industry, rubber industry, food industry, pharmaceutical industry and biomedical science industry. Although, stearic is generally derived from palm oil, it is also derived from others sources such as corn, which is a waxy solid that is almost insoluble in water.

Since, stearic acid occurs in many animal and vegetable fats and oils. However, animal fat is richer than vegetable fat by 15%. One of the most popular uses of stearic acid is in the production of candles to harden the wax and strengthen the candle. Stearic acid is also commonly used in the production of soap. It give shampoos a pearly color and also helps to make harden soaps. Furthermore, preventing oxidization is another key use of stearic acid. It is also used to coat metal powders such as iron and aluminum, used in fireworks that allow them to be stored for longer period of time. It is also used in some metal polishes to prevent the oxidation, to produce magnesium stearate and rust that can occur on metal parts of tools.

Stearic acid is a waxy solid saturated fatty acid occurring in coconut oil, palm kernel oil, in the milk of several mammals and in other animal fats. Commercial stearic acid is a mixture of approximately equal amounts of stearic and palmitic acids and small amounts of oleic acid. It is mainly used in the manufacturing of detergents, cosmetics including shampoos and shaving products and soaps.

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**Keywords:** #Stearic\_Acid, #Preparation\_of\_Stearic\_Acid, Producing Commercial Stearic Acid, #Stearic\_Acid\_Production, #Production\_of\_Stearic\_Acid, Stearic Acid Manufacturing Plant, Stearic Acid Manufacturing, Stearic Acid Uses, Stearic Acid Production Plant, Stearic Acid Industry, #What\_is\_the\_Making\_Process\_of\_Stearic\_Acid? Stearic Acid Production Process, #Stearic\_Acid\_Manufacturing\_Process, #Project\_Report\_on\_Stearic\_Acid, Stearic Acid Manufacture, Stearic Acid Plant, Stearic Acid Manufacture in India, S

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