

# Product Information

## Stearic Acid Triple Pressed

### Product Description:

Stearic Acid Triple Pressed are white beads or flakes composed of primarily stearic acid, a saturated long chain fatty acid derived from vegetable oils. Stearic acid has a polar head group that can interact with metal cations and a nonpolar chain that can be solubilized in organic solvents. This bifunctionality leads to its widespread use as a surfactant and softening agent in many applications.

### Applications:

Stearic Acid Triple Pressed is used as a surface modifying agent in chemical manufacture. It can be used in the production of batteries, cosmetics, pharmaceuticals, stabilizers, soaps, candles, coatings, detergents and rubbers. Its metal salts can be used in lubricants.

### Chemical Formula:

$C_{18}H_{36}O_2$

### CAS No. :

57-11-4

### Specifications:

Parameters (units)	Specifications
Appearance	White beads / flakes
Acid value (mg KOH / g)	205.0 - 211.0
Iodine value (%)	≤ 0.5
Titer (°C)	55.0 - 57.0
Color, Lovibond 5 1/4"	≤ 0.5 R / 5.0 Y
Saponification value (mg KOH / g)	206.0 - 214.0
C-12 : Lauric acid (%)	0 - 1
C-14 : Myristic acid (%)	0 - 2
C-16 : Palmitic acid (%)	45 - 50
C-18 : Stearic acid (%)	45 - 52
C-18: Oleic acid (%)	0 - 1

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[bisleyinternational.com](http://bisleyinternational.com)

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## Packaging:

Material is available in 25 kg PE laminated bags and 700 kg bags. Further packaging options may be available upon enquiry.

## Storage:

Product should be stored in a dry place away from direct sunlight in sealed, original packaging. Avoid extreme heat and cold.

## Safety:

For further safety information refer to product SDS available from your Bisley International contact.

Disclaimer: This document is for information purposes only. Customers are responsible for testing and confirming the suitability of this product in their application. To the extent permitted by law, no warranty as to merchantability or fitness of purpose, expressed or implied, is made.

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