



# STEARIC ACID – TRIPLE PRESSED

CAS Number: 57-11-4

Stearic Acid Triple Pressed is a high-purity, vegetable-derived fatty acid used in various industrial applications. It features a controlled carbon chain distribution, low iodine value, and excellent color stability, making it suitable for use in plastics, rubber, personal care, lubricants, and metalworking formulations.

## APPLICATIONS

Stearic Acid Triple Pressed is ideal for:

- Rubber compounding and processing aids
- PVC and polymer additives
- Lubricants and metalworking formulations
- Personal care and cosmetic products
- Release agents and surfactant intermediates

## TECHNICAL SPECIFICATIONS

| Parameter                      | Specification |
|--------------------------------|---------------|
| Acid Value (mgKOH/g)           | 205.0 – 210.0 |
| Iodine Value (%)               | ≤ 0.5         |
| Titer (°C)                     | 54.0 – 56.0   |
| Saponification Value (mgKOH/g) | 206.0 – 211.0 |
| C12 Lauric Acid (%)            | 0 – 1         |
| C14 Myristic Acid (%)          | 0 – 2         |
| C16 Palmitic Acid (%)          | 59 – 67       |
| C18 Stearic Acid (%)           | 33 – 39       |
| C18' Oleic Acid (%)            | 0 – 1         |



**LIMITED WARRANTY INFORMATION.  
PLEASE READ CAREFULLY.**

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This document is subject to revision without notice as new data becomes available.

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**PACKAGING**

- Standard: 25 kg bags
- Custom packaging available upon request

**STORAGE & HANDLING**

Store in a cool, dry place below 60 °C. Product remains stable for a minimum of 24 months if stored in original packaging. Keep away from strong oxidizing agents.

**SAFETY**

This product is non-hazardous under normal handling conditions. Use appropriate PPE to avoid dust inhalation or contact with eyes. Refer to the Safety Data Sheet (SDS) for additional safety and regulatory information.