TECHNICAL DATA SHEET
Stearic acid

1. Identification

Product	Stearic acid
Version	2.0
Issue date	15 Apr 2025
CAS number	57-11-4
EC number (EINECS)	200-313-4
INCI name	STEARIC ACID
Applications	Candles, cosmetics, lubricants, cleaners, detergents, soap, textiles, additives, rubber additives

2. Technical specifications *

Parameter	Method	Units	Specification
Colour (5.25'' Lovibond cell)	AOCS Cc 13e-92	-	≤ 1.0 R
Acid value	AOCS Te 1a-64	mg KOH/g	200 - 213
Melting point	AOCS Cc 1-25	ºC	55 - 60
Fatty acid composition			
C16.0 palmitic		%	≥55
C18 (stearic & oleic)		%	≥35

* Not all parameters could be included in the CoAs (certificates of analysis).

3. Packaging and delivery form

- Micro beads / 25 kg bag / 1,000 kg pallet
- Micro beads / 600 kg big bag / 600 kg pallet
- Liquid / 24 t tank

4. Storage and shelf life

Recommended storage conditions	Keep in a well-ventilated, cool and dry place in tightly sealed, unopened original containers. Avoid direct sunlight and heat sources. Once opened, use immediately.
Expiration date	Under normal storage conditions the product keeps perfectly well for 2 years.