

Product name: STEARIC ACID

Article No.	552008
Grade	LR
Purity	-
CAS No.	57-11-4
Molecular Formula	C18H36O2
Molecular Weight	284.48
H.S. Code	2915.7020
Shelf Life	60 Months

- **Physical properties**

Physical State at 20°C	Solid
Color	White flakes
Odour	Fatty odour
Melting point/ Freezing point [°C]	53 - 59°C
Flash point [°C]	113 °C
Boiling point [°C]	361 °C
Vapour pressure (mm/Hg)	1 mm Hg at 174°C
Vapour density	9.8
Density [g/cm³]	0.845

Solubility in water [% weight]

Insoluble in water

- **Specifications**

Appearance	White granules or wax-like flakes
Solubility	Soluble in hot methanol
Total Assay (Palmitic acids & Stearic acid) (C18H36O2 & C16H32O2) (GC)	> 90.0%
Acid Value	194 - 212
Melting Point	53 – 59°C
Saponification Value	194 - 225
Ash	Max 0.1%
Packings	500 gm-250gm