

Product name:

Stearic acid 50

Synonyms:

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CAS number:

57-11-4

General information:		
	Chemical formula: C ₁₈ H ₃₆ O ₂	Molar Mass: 284.48 g/mol
	Appearance: white or yellowish-white powder	Bulk density: ~ 0.84 g/cm ³
	Solub. in water: insoluble	Melting point: 69.4 °C
	Ignition temperature: 395 °C	Flash point: 200 °C
	Storage temp.: Below +30 °C	Cautions: Not hazardous substance
	R: 36/37/38	S: 37/39
	HS-No.: 2915 70 20	EC -No.: 200-313-4

Hazard Symbol

Safety Information

Grade

Laboratory

Specification:				
	Description & appearance		Conforms	
	Appearance of solution		Conforms	
	Assay (Stearic acid)		40 - 60	%
	Assay (Sum of stearic acid and palmitic acid)	≥	90	%
	Acid value (Identification)		194 - 212	mg KOH / g
	Residue on ignition	≤	0.1	%
	Fats and fixed oils (Iodine value)	≤	4	g / 100 g
	Color of solution		Conforms	
	Acidity		Conforms	
	Freezing point		64-69	°C
	Moisture	≤	0.5	%

Ordering code	1 kg	5 kg	10 kg	20 kg	20 kg
P.E.	467.05.01000.02	467.05.05000.02			
Glass					