



Technical Data Sheet

Stearyl Alcohol

CAS No. 112-92-5

Generic Name: Stearic Alcohol

Chemical Name: Pure Stearyl Alcohol, 1-octadecanol, octadecan -1-ol

Description: White Pastilles, practically no odor

Analyzed Parameters:

Tests	Specification
Appearance at 25 Deg.C	White Pastilles
Color Alpha (Maximum)	10
Acid Value (Maximum)	0.1
Sap Value (Maximum)	0.3
Iodine Value (Maximum)	0.3
Hydroxyl Value	200-210
Hydrocarbon Percent (Maximum)	0.5
Moisture Percentage (Maximum)	0.1

Carbon Chain Distribution, %

C-14	< 0.5
C-16	< 1.0
C-18	> 98
C-20 & Higher	< 1.0

Additional Properties:

Average Mo. Wt.	267 – 280
Solidification Range, DEG. C	56 – 59
Temp. DEG. C	60
Value	0.805 to 0.815
Flash Point DEG. C Approx.	195
Boiling Range, DEG. C	330 – 360

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