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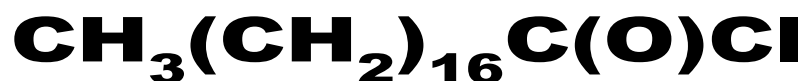
Product Specifications

Stearoyl Chloride

CAS 112-76-5

Syn: Octadecanoic Acid Chloride; Octadecyloyl Chloride;
Stearic Acid Chloride; Stearyl Acid Chloride; Stearyl Chloride

Structure:



Mol. Formula
Source

C₁₈H₃₅ClO
Palm Kernel

Mol. Wt.

302.92

<i>Test</i>	<i>Specification</i>
Appearance	Clear, pale-yellow liquid
Bp	173 - 175 °C / 1 mm Hg [Lit.]
Assay	
Stearoyl Chloride content (Titrimetrically as Cl ⁻)	98.3% (calculated as Stearoyl Chloride)
Chain Distribution ‡	
C-16	0.7
C-18:0	98.3%‡
C-18:1	N/A
C-18	1.0%
Non-chlorinated Free FA	< 1%
Phosgene	5 ppm max.
Free Cl (titrametric)	1.25%

‡ Based on the Reported FA content of the starting material (Stearic Acid).

Storage: Maintain in cool, dry containment:

CAUTION: CORROSIVE LIQUID! Handle accordingly