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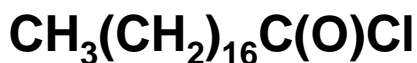
Product Specifications

Product Name**Stearoyl Chloride***syn:*Octadecanoic Acid Chloride; Octadecyloyl Chloride;
Stearic Acid Chloride; Stearyl Acid Chloride; Stearyl Chloride

CAS No.

112-76-5

Structure



Mol. Formula

C₁₈H₃₅ClO

Mol. Weight

302.92

Plant Source

Palm Kernel

<i>Test</i>	<i>Results</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 content	5 ppm max.
Free Cl [titrimetric]	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