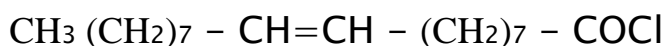


DATA SHEET Nr 1900 D

CRUDE OLEOYL CHLORIDE

OILCI



Molecular formula : $\text{C}_{18}\text{H}_{33}\text{ClO}$

Molecular weight (average): according to the raw material

CAS number 112-77-6

EU number 204-005-0

SYNONYM

9-octadecenoyl chloride.

ASPECT

Brown liquid at room temperature.

PHYSICAL PROPERTIES

Density d_{420} : 0.9

Boiling point : 175-180 °C / 3 Hgmm

Soluble I usual organic solvents (acetone, toluene, dichloromethane, chlorobenzene, THF).

CHEMICAL PROPERTIES

- Reacts by hydrolysis, yielding hydrochloric acid and oleic acid.
- Reacts with alcohols yielding esters.
- Reacts with mercaptane yielding thioesters
- Reacts with amines yielding amides.

USAGE

- intermediate for organic synthesis

CRUDE OLEOYL CHLORIDE — Framochem

SPECIFICATION

Parameter	Guaranteed value	Method	Operating procedure
Aspect	Liquid	Visual	-
Color	>15 gardner	Kolorimetria	C-310
Total chloride	≥ 98 %	Potenciometry	P-608
Phosgene	≤ 0,1 %	Iodometry	I-230

PACKAGING

- Polietilene lined metal drum, 160 kg.
- Bulk.

HANDLING PRECAUTION

- Phisico-chemical hazard
flashpoint (closed cup): >110 °C
- Health hazard
LD 50 (rat, ing.): > 2000 mg/kg.
Irritating to eyes and mucous membrane.
Corrosive.
- Recommended
To avoid the contact with caustic.
Wear gloves, goggles, mask and proper protective clothes.
In case of eye contamination wash with water at least 15 minutes, then call for a physician.
In case of its vapour inhalation take the injured person to fresh air and call for a physician..
- Neutralization.
With caustic solutions.

STORAGE

The product is stable in its original, closed packaging stored in a dry, cool, well ventillated area.

In case of prolonged storage it's recommended to check the typical parameters (assay, hydrochloric acid) before use.

TRANSPORTATION

Refer to MSDS.

Nr 1900 D — April, 2016