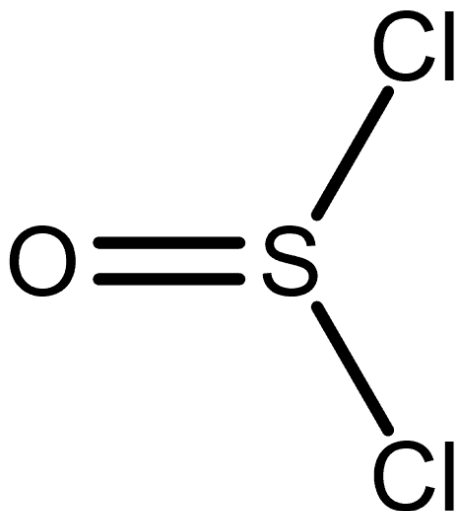




h1>Thionyl chloride 99.5% AR [7719-09-7]



CAS number: **7719-09-7**

Summary formula: **Cl₂OS**

Molar mass: **118.97 g / mol**

Synonyms: **thionyl dichloride**

Translation [ENG]: **Thionyl chloride**

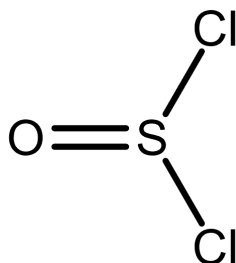
Application: **Thionyl chloride is used as a chlorinating agent in the production of organic compounds. It is also used as a solvent in high-energy lithium batteries.**

VARIATIONS

Image

Price

Pack size



£189,96 gross | £154,44 netto

10 L

Image	Price	Pack size
	£436,81 gross £355,13 netto	25 L

PRODUCT DESCRIPTION

Thionyl chloride 99.5% AR [7719-09-7]

Thionyl chloride is used as a chlorinating agent in the production of organic compounds. It is also used as a solvent in high-energy lithium batteries. For the production of acyl chlorides to replace OH or SH groups with chlorine atoms; reacts with Grignard reagents to form the corresponding sulfoxides.

Boiling point: 76 ° C (1013 hPa)
 Density: 1.64 g / cm³ (20 ° C)
 Melting point: -104.5 ° C
 Vapor pressure: 121 hPa (20 ° C)
 Density: 1.64 g / ml at 20 ° C
 vapor pressure: 97 mm Hg (20 ° C)
 refractive index: n₂₀ / D 1.518 (lit.)
 Flash point: 105 ° C
 storage temperature: store at RT.
 Form: Liquid
 Color: ≤50 (APHA)
 Water solubility: REACTIONS
 Sensitive: moisture sensitive
 Merck: 14,9348

Hazard pictograms

Labeling of hazardous chemicals and mixtures that are part of the Globally Harmonized System of

Classification and Labeling of Chemicals (GHS). The pictograms recommended by GHS have the shape of a square set on the top. They should contain a black symbol on a white background with a red border.

Priority rules to be observed in connection with the labeling of a substance:

- the skull and crossbones, the exclamation mark pictogram should not be added.
- corrosive effect, the exclamation mark pictogram should not be added if it concerns eye or skin irritation.
- health hazard determining respiratory sensitization, the exclamation mark pictogram should not be added if it concerns skin sensitization or irritation to eyes or skin.

Source: [GHS pictograms](#)