

Technical Data Sheet



AMT808154 Thionyl Chloride for synthesis

TATexsolve®

General product Information:

Synonyms	Sulfurous acid dichloride, Sulfurous oxychloride
Overview	
Hill Formula	Cl ₂ OS
Molar Mass	118.97 g/mol
CAS Number	7719-09-7
Grade	for synthesis
Chemical Formula	SOCl ₂
Structure formula	
Image	

Chemical/Physical Data:

Density	1.64 g/cm ³ (20 °C)
Boiling Point	76 °C (1013 hPa)
Melting Point	-104.5 °C
Vapor Pressure	121 hPa (20 °C)
Refractive Index	1.517 (20 °C, 589 nm)
pH value	(H ₂ O) Not applicable
Solubility	(20 °C) (rigorous decomposition)

Toxicological Data:

LD 50 oral	LD50 Rat 324 mg/kg
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Packaging Information:

Order Number	Package	Packaging
AMT104852.1000	1 L	Glass Bottle
AMT104852.2500	2.5 L	Glass Bottle