

POCl₃

PHOSPHORYLTRICHLORIDE

Physical Properties

Vapor pressure equat.:	40 Torr @ 27 °C
Density:	1.645 g/cm ³
Molweight:	153.32 g/mol
Melting point:	1.3 °C / 34 °F
Boiling point:	106 °C / 222 °F
Sublimation point:	

Chemical Properties

Stability:	Stable under recommended storage conditions
State of matter:	Liquid

Safety & Transport

Toxicity:	Toxic by Inhalation, Corrosive
Thermal decomposition:	
ADR/RID-class:	6.1(8)
UN-no:	1810, PG I
IMDG-class:	6.1(8)
UN-no:	1810, PG I
ICAO/IATA-class:	6.1(8)
UN-no:	1810, PG I - AIR FREIGHT FORBIDDEN

For further details please refer to Safety Data Sheet (SDS)

Packaging & Standard Filling Volumes

POCl ₃ 100.DOCK/10.150	100g / 150ccm cyl.
POCl ₃ 400.DOCK/10.400	400g / 400ccm cyl.
POCl ₃ 600.DOCK/10.600	600g / 600ccm cyl.
POCl ₃ 1000.DOCK/10.1000	1000g / 1000ccm cyl.
POCl ₃ 3000.DOCK/10.3000	3000g / 3000ccm cyl.

Product Description

Name:	PHOSPHORUS(V)OXYCHLORIDE
CAS-Number:	10025-87-3
Element:	P
Molecular Formula:	POCl ₃

Quality Standards

EG Electronic Grade

Application

Vapor Pressure

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