

PHOSPHORYL TRICHLORIDE

# POCl<sub>3</sub>

 Product description

Name: PHOSPHORYL TRICHLORIDE  
CAS-Number: 10025-87-3

Application:

Element: P

# PHOSPHORYL TRICHLORIDE

# POCl<sub>3</sub>

## Physical Properties

Vapor pressure equat.: 40 Torr @ 27 °C

Density: 1.645 g/cm<sup>3</sup>

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 inert gas

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<sub>3</sub>.100.DOCK/10.150 100g / 150ccm cyl.

POCl<sub>3</sub>.400.DOCK/10.400 400g / 400ccm cyl.

POCl<sub>3</sub>.600.DOCK/10.600 600g / 600ccm cyl.

POCl<sub>3</sub>.1000.DOCK/10.1000 1000g / 1000ccm cyl.

POCl<sub>3</sub>.3000.DOCK/10.3000 3000g / 3000ccm cyl.

## Quality Standards

## Vapor Pressure Curve

## Application



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