

AlCl₃

ALUMINIUMTRICHLORIDE

Physical Properties

Vapor pressure equat.:	1.33 mbar (99 °C) / 133 mbar (151 °C)
Density:	2.48 g/cm ³
Molweight:	133.3 g/mol
Melting point:	n.a.
Boiling point:	n.a.
Sublimation point:	180 °C / 356 °F

Chemical Properties

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

Safety & Transport

Toxicity:	Corrosive
Thermal decomposition:	
ADR/RID-class:	8
UN-no:	1726, PG II
IMDG-class:	8
UN-no:	1726, PG II
ICAO/IATA-class:	8
UN-no:	1726, PG II – AIRFREIGHT ALLOWED

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

Packaging & Standard Filling Volumes

AlCl ₃ .100.DOCK/10.150	100g / 150ccm cyl.
AlCl ₃ .200.DOCK/10.400	200g / 400ccm cyl.
AlCl ₃ .500.DOCK/10.400	500g / 400ccm cyl.
AlCl ₃ .1500.DOCK/10.1000	1500g / 1000ccm cyl
AlCl ₃ .4000.DOCK/10.3000	4000g / 3000ccm cyl.

Product Description

Name:	ALUMINUM(III)CHLORIDE
CAS-Number:	7446-70-0
Element:	Al
Molecular Formula:	AlCl ₃

Quality Standards

EG Electronic Grade

Application

HVPE and CVD

Vapor Pressure

