

ARSENICTRICHLORIDE

AsCl₃

 Product description

Name: ARSENICTRICHLORIDE
CAS-Number: 7784-34-1

Application: Precursor for ALD and CVD

Element: As

ARSENIC TRICHLORIDE

AsCl₃

Physical Properties

Vapor pressure equat.:	10.8 mbar at 20 °C
Density:	2.16 g/cm ³ at 20°C
Molweight:	181.28 g/mol
Melting point:	-13 °C / -23.8 °F
Boiling point:	131 °C / 272 °F at 1013 mbar
Sublimation point:	

Chemical Properties

Stability:	Stable under inert gas
State of matter:	Liquid

Safety & Transport

Toxicity:	Toxic by Inhalation
Thermal decomposition:	
ADR/RID-class:	6.1
UN-no:	1560
IMDG-class:	6.1
UN-no:	1560
ICAO/IATA-class:	6.1
UN-no:	1560 – AIRFREIGHT FORBIDDEN

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

Packaging & Standard Filling Volumes

AsCl ₃ .100.DOCK/10.150	100g / 150ccm cyl.
AsCl ₃ .290.DOCK/10.150	290g / 150ccm cyl.
AsCl ₃ .750.DOCK/10.400	750g / 400ccm cyl.
AsCl ₃ .1100.DOCK/10.600	1100g / 600ccm cyl.

Quality Standards

PG Pure Grade

Vapor Pressure Curve

Application

Precursor for ALD and CVD



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