

**'DOCK/
CHEMICALS**

SEMICONDUCTORS DECISION

AsCl₃

As- Precursor for various applications

'MO-CVD

BP: 131 °C/272 °F/1013 hPa

'AsCl₃ - ARSENICTRICHLORIDE

PRODUCT DATASHEET

'AsCl₃ - ARSENICTRICHLORIDE

IDENTIFICATION

CAS-No:	7784-34-1
EC-No:	232-059-5
Other name:	-

'MO-CVD

PHYSICAL PROPERTIES

Vapor pressure.:	10.8 mbar
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 hPa

QUALITY STANDARDS

PG Pure Grade

VAPOR PRESSURE CURVE

n.a.

CHEMICAL PROPERTIES

Stability:	Stable under inert gas
State of matter:	Liquid

SAFETY & TRANSPORT

Toxicity:	Toxic by inhalation
Explosion limit Vol%:	n.a.
Auto ignition temp. °C:	n.a.
ADR/RID	
ADR/RID-class:	6.1
UN-no:	1560
IMDG	
IMDG-class:	6.1
UN-no:	1560
ICAO/IATA	
ICAO/IATA-class:	6.1
UN-no:	1560 – AIRFREIGHT FORBIDDEN

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

APPLICATION

Precursor for ALD and CVD

PACKAGING & STANDARD FILLING VOLUMES

AsCl₃.100.DOCK/10.150	100g / 150ccm cyl.
AsCl₃.290.DOCK/10.150	290g / 150ccm cyl.
AsCl₃.750.DOCK/10.400	750g / 400ccm cyl.
AsCl₃.1100.DOCK/10.600	1100g / 600ccm cyl.

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PRODUCT DATASHEET

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