

**'DOCK/
CHEMICALS**

SEMICONDUCTORS DECISION

$C_9H_{27}Si_3As$

Mixed Arsenic and Silicon precursor for CVD
& ALD

'TTMSiAs- TRIS(TRIMETHYLSILYL)ARSINE

PRODUCT DATASHEET

'MO-CVD

BP: 50-52 °C / 122-126 °F (1 mTorr)

'TTMSiAs- TRIS(TRIMETHYLSILYL)ARSINE

IDENTIFICATION

CAS-No:	17729-30-5
EC-No:	821-113-9
Other name:	-

'MO-CVD

PHYSICAL PROPERTIES

Vapor pressure equat.:	ca. 0.1 Torr (25 °C)
Density:	0.994 g/cm ³
Molweight:	294.49 g/mol
Melting point:	0-5 °C / 32-41 °F
Boiling point:	50-52 °C / 122-126 °F (1 mTorr)

CHEMICAL PROPERTIES

Stability:	Stable under inert gas
State of matter:	Liquid

SAFETY & TRANSPORT

Toxicity:	Toxic by Inhalation / Swallowing
Explosion limit Vol%:	n.a.
Auto ignition temp. °C:	n.a.
ADR/RID	
ADR/RID-class:	6.1
UN-no:	3280, PG III
IMDG	
IMDG -class:	6.1
UN-no:	3280, PG III
ICAO/IATA	
ICAO/IATA-class:	6.1
UN-no:	3280, PG III – AIRFREIGHT ALLOWED

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

PACKAGING & STANDARD FILLING VOLUMES

TTMSiAs.100.DOCK/10.150	100g / 150ccm cyl.
TTMSiAs.300.DOCK/10.400	300g / 400ccm cyl.
TTMSiAs.500.DOCK/10.600	500g / 600ccm cyl.
TTMSiAs.800.DOCK/10.1000	750g / 1000ccm cyl
TTMSiAs.2500.DOCK/10.3000	2500g / 3000ccm cyl.

QUALITY STANDARDS

EG Electronic Grade

VAPOR PRESSURE CURVE

n.a.

APPLICATION

CVD, ALD

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PRODUCT DATASHEET

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