

'DOCK/ CHEMICALS

SEMICONDUCTORS DECISION



Scandium precursor for CVD and ALD processes

'MO-CVD

MP: not available

'(nBuCp)3Sc - TRIS(NBUTYLCYCLOPENTADIENYL)SCANDIUM

PRODUCT DATASHEET

'(nBuCp)3Sc - TRIS(NBUTYLCYCLOPENTADIENYL)SCANDIUM

IDENTIFICATION

CAS-No:	312739-92-7
EC-No:	not registered
Other name:	-

'MO-CVD

PHYSICAL PROPERTIES

Vapor pressure equat.:	n.a.
Density:	1.03 g/cm ³ (25 °C)
Molweight:	408.56 g/mol
Melting point:	n.a.
Boiling point:	>150 °C (decomposition)

CHEMICAL PROPERTIES

Stability:	Stable under inert gas
State of matter:	Solid

SAFETY & TRANSPORT

Toxicity:	n.a.
Explosion limit Vol%:	n.a.
Auto ignition temp. °C:	n.a.
ADR/RID	
ADR/RID-class:	4.3
UN-no:	3395
IMDG	
IMDG -class:	4.3
UN-no:	3395
ICAO/IATA	
ICAO/IATA-class:	4.3
UN-no:	3395 – AIR FREIGHT ALLOWED

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

PACKAGING & STANDARD FILLING VOLUMES

(nBuCp)3Sc.50.DOCK/10.150	50g / 150ccm cyl.
(nBuCp)3Sc.100.DOCK/10.150	100g / 150ccm cyl.
(nBuCp)3Sc.250.DOCK/10.400	250g / 400ccm cyl.
(nBuCp)3Sc.500.DOCK/10.600	500g / 600ccm cyl.

QUALITY STANDARDS

DG Development Grade

VAPOR PRESSURE CURVE

n.a.

APPLICATION

AlScN MOCVD, Sc-Oxides

**'DOCK/
CHEMICALS**

SEMICONDUCTORS DECISION

Dockweiler Chemicals GmbH

Emil-von-Behring-Strasse 76 35041 Marburg Germany
T +49 6421 396 -380 | F +49 6421 396 -381
sales@dockchemicals.com

PRODUCT DATASHEET

www.dockchemicals.com