

'DOCK/ CHEMICALS

SEMICONDUCTORS DECISION



Scandium precursor for CVD and ALD processes

'MO-CVD

MP: not available

'(iPCp)₃Sc - TRIS(ISOPROPYLCYCLOPENTADIENYL)SCANDIUM

PRODUCT DATASHEET

'(iPCp)3Sc - TRIS(ISOPROPYLCYCLOPENTADIENYL)SCANDIUM

IDENTIFICATION

CAS-No:	75249-99-0
EC-No:	n.r.
Other name:	-

'MO-CVD

PHYSICAL PROPERTIES

Vapor pressure equat.:	n.a.
Density:	n.a.
Molweight:	366.48 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

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

QUALITY STANDARDS

DG Development Grade

VAPOR PRESSURE CURVE

n.a.

APPLICATION

AlScN MOCVD, Sc-Oxides

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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