

# 'DOCK/ CHEMICALS

SEMICONDUCTORS DECISION



Scandium precursor for CVD and ALD processes

'(MCp)3Sc - TRIS(METHYLCYCLOPENTADIENYL)SCANDIUM

PRODUCT DATASHEET

'MO-CVD

MP: 100-110 °C/212-230 °F

# '(MCp)3Sc - TRIS(METHYLCYCLOPENTADIENYL)SCANDIUM

## IDENTIFICATION

<b>CAS-No:</b>	not registered
<b>EC-No:</b>	not registered
<b>Other name:</b>	-

'MO-CVD

## PHYSICAL PROPERTIES

<b>Vapor pressure equat.:</b>	n.a.
<b>Density:</b>	n.a.
<b>Molweight:</b>	282.12 g/mol
<b>Melting point:</b>	100-110 °C/212-230 °F
<b>Boiling point:</b>	>250 °C (decomposition)

## CHEMICAL PROPERTIES

<b>Stability:</b>	Stable under inert gas
<b>State of matter:</b>	Solid

## SAFETY & TRANSPORT

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

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

## PACKAGING & STANDARD FILLING VOLUMES

<b>MCp3Sc.50.DOCK/10.150</b>	50g / 150ccm cyl.
<b>MCp3Sc.100.DOCK/10.150</b>	100g / 150ccm cyl.
<b>MCp3Sc.250.DOCK/10.400</b>	250g / 400ccm cyl.
<b>MCp3Sc.500.DOCK/10.600</b>	500g / 600ccm cyl.

## QUALITY STANDARDS

**DG** Development Grade

## VAPOR PRESSURE CURVE

n.a.

## APPLICATION

AlScN MOCVD, Sc-Oxides

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**PRODUCT DATASHEET**

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