

# 'DOCK/ CHEMICALS

SEMICONDUCTORS DECISION



Gold precursor for CVD of nanostructures

'MO-CVD

BP: 25 °C / 77 °F (10 mTorr)

'DMAAu- Dimethyl(acetylacetonato)gold

PRODUCT DATASHEET

# 'DMAAu- Dimethyl(acetylacetonato)gold

## IDENTIFICATION

<b>CAS-No:</b>	14951-50-9
<b>EC-No:</b>	-
<b>Other name:</b>	Tris(2,4-pentanedionato)dimethylgold

'MO-CVD

## PHYSICAL PROPERTIES

<b>Vapor pressure:</b>	n.a.
<b>Density:</b>	ca. 1.3 g/cm <sup>3</sup>
<b>Molweight:</b>	326.60 g/mol
<b>Melting point:</b>	81 °C / 178 °F
<b>Boiling point:</b>	25 °C / 77 °F (10 mTorr, sublimes)

## 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>	-
<b>UN-no:</b>	no dangerous good
IMDG	
<b>IMDG -class:</b>	-
<b>UN-no:</b>	no dangerous good
ICAO/IATA	
<b>ICAO/IATA-class:</b>	-
<b>UN-no:</b>	no dangerous good – AIRFREIGHT ALLOWED

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

## PACKAGING & STANDARD FILLING VOLUMES

<b>DMAAu.100.DOCK/10.150</b>	100g / 150ccm cyl.
<b>DMAAu.400.DOCK/10.400</b>	400g / 400ccm cyl.
<b>DMAAu.600.DOCK/10.600</b>	600g / 600ccm cyl.
<b>DMAAu.1000.DOCK/10.1000</b>	1000g / 1000ccm cyl.
<b>DMAAu.3000.DOCK/10.3000</b>	3000g / 3000ccm cyl.

## QUALITY STANDARDS

**EG Electronic Grade**

## VAPOR PRESSURE CURVE

n.a.

## APPLICATION

CVD of nanostructures

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