

(EtCp)₂Sc(dbt)

ASGARD

Physical Properties

Vapor pressure equat.:	$\log(p(\text{mbar})) = 9.22 - (3803/T(K))$ for T = 100-200 °C
Density:	ca. 1 g/cm ³ at 25 °C
Molweight:	387.51 g/mol
Melting point:	22°C
Boiling point:	n.a.
Sublimation point:	

Chemical Properties

Stability:	Stable under recommended storage conditions
State of matter:	Liquid

Safety & Transport

Toxicity:	Flammable, Water-reactive
Thermal decomposition:	
ADR/RID-class:	4.3(3)
UN-no:	3399, PG III
IMDG-class:	4.3(3)
UN-no:	3399, PG III
ICAO/IATA-class:	4.3(3)
UN-no:	3399, PG III – AIRFREIGHT ALLOWED

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

Packaging & Standard Filling Volumes

ASGARD.50.DOCK/10.150	50g / 150ccm cyl.
ASGARD.100.DOCK/10.150	100g / 150ccm cyl.
ASGARD.250.DOCK/10.400	250g / 400ccm cyl.
ASGARD.500.DOCK/10.600	500g / 600ccm cyl.

Product Description

Name:	BIS(ETHYLCYCLOPENTADIENYL) (DITERTBUTYLTRIAZENIDO)SCAN-DIUM
CAS-Number:	3069316-60-2
Element:	Sc
Molecular Formula:	C ₂₂ H ₃₆ N ₃ Sc

Quality Standards

DG Development Grade

Application

AlScN MOCVD, Sc Oxide deposition

Vapor Pressure

Vapor Pressure
[mbar]

