

BIS(ETHYLCYCLOPENTADIENYL)SC

(EtCp)₂ScCl

 **Product description**

Name: BIS(ETHYLCYCLOPENTADIENYL)SC

CAS-Number: 2845240-61-9

Application: AlScN MOCVD, Sc Oxide deposition

Element: Sc

BIS(ETHYLCYCLOPENTADIENYL)SC

(EtCp)₂ScCl

Physical Properties

Vapor pressure equat.:	n.a.
Density:	1.3 g/cm ³ (25 °C)
Molweight:	266.71 g/mol
Melting point:	100-120 °C / 212-248 °F
Boiling point:	n.a.
Sublimation point:	

Chemical Properties

Stability:	Stable under inert gas
State of matter:	Solid

Safety & Transport

Toxicity:	Flammable, Water-reactive
Thermal decomposition:	
ADR/RID-class:	4.3
UN-no:	3395, PG II
IMDG-class:	4.3
UN-no:	3395, PG II
ICAO/IATA-class:	4.3
UN-no:	3395, PG II

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

Packaging & Standard Filling Volumes

(EtCp) ₂ ScCl.50.DOCK/10.150	50g / 150ccm cyl.
(EtCp) ₂ ScCl.100.DOCK/10.150	100g / 150ccm cyl.
(EtCp) ₂ ScCl.250.DOCK/10.400	250g / 400ccm cyl.
(EtCp) ₂ ScCl.500.DOCK/10.600	500g / 600ccm cyl.

Quality Standards

DG Development Grade

Vapor Pressure Curve

Application

AlScN MOCVD, Sc Oxide deposition



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