

(EtCp)₂ScCl

FREYA

Physical Properties

Vapor pressure equat.:	$\log(p(\text{mbar})) = 9.7 - (4739/T(\text{K}))$ for T = 150-250 °C
Density:	1 g/cm ³ at 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 recommended storage conditions
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 – AIRFREIGHT ALLOWED

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

Packaging & Standard Filling Volumes

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

Product Description

Name:	BIS(ETHYLCYCLOPENTADIENYL) SCANDIUM CHLORIDE
CAS-Number:	2845240-61-9
Element:	Sc
Molecular Formula:	C ₁₄ H ₁₈ ClSc

Quality Standards

DG Development Grade

Application

AlScN MOCVD, Sc Oxide deposition

Vapor Pressure

Vapor Pressure
[mbar]
