

TRIS(2,2,6,6-TETRAMETHYL-3,5-HEPTANEDIONATO)SCANDIUM

(TMH)₃Sc

 **Product description**

Name: TRIS(2,2,6,6-TETRAMETHYL-3,5-HEPTANEDIONATO)SCANDIUM

CAS-Number: 15492-49-6

Application: AlScN MOCVD, Sc Oxide deposition

Element: Sc

TRIS(2,2,6,6-TETRAMETHYL-3,5-HEPTANEDIONATO)SCANDIUM (TMH)3Sc

Physical Properties

Vapor pressure equat.:	n.a.
Density:	n.a.
Molweight:	594.77 g/mol
Melting point:	150-152 °C / 302-305 °F
Boiling point:	>275 °C (decomposition)
Sublimation point:	

Chemical Properties

Stability:	Stable under inert gas
State of matter:	Solid

Safety & Transport

Toxicity:	n.a.
Thermal decomposition:	
ADR/RID-class:	4,3
UN-no:	3395
IMDG-class:	4,3
UN-no:	3395
ICAO/IATA-class:	4,3
UN-no:	3395 – AIR FREIGHT ALLOWED

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

Packaging & Standard Filling Volumes

(TMH)3Sc.50.DOCK/10.150	50g / 150ccm cyl.
(TMH)3Sc.100.DOCK/10.150	100g / 150ccm cyl.
(TMH)3Sc.250.DOCK/10.400	250g / 400ccm cyl.
(TMH)3Sc.500.DOCK/10.600	500g / 600ccm cyl.

Quality Standards

DG Electronic Grade

Vapor Pressure Curve

Application

AlScN MOCVD, Sc Oxide deposition



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