

(tmhd)₃Sc

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

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 recommended storage conditions
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 – AIRFREIGHT ALLOWED

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

Packaging & Standard Filling Volumes

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

Product Description

Name:	TRIS(2,2,6,6-TETRAMETHYL-3,5-HEPTANEDIONATO)SCANDIUM
CAS-Number:	15492-49-6
Element:	Sc
Molecular Formula:	C ₃₃ H ₅₇ O ₆ Sc

Quality Standards

DG Development Grade

Application

AlScN MOCVD, Sc Oxide deposition

Vapor Pressure

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