

TEAl

TRIETHYLALUMINUM

Physical Properties

Vapor pressure equat.:	$\log(p(\text{Torr})) = 8.23 - 2180 / (T(K) - 73.82)$
Density:	0.835 g/cm ³
Molweight:	114.16 g/mol
Melting point:	-52 °C / -62 °F
Boiling point:	186 °C / 367 °F
Sublimation point:	

Chemical Properties

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

Safety & Transport

Toxicity:	n.a.
Thermal decomposition:	
ADR/RID-class:	4.2
UN-no:	3394
IMDG-class:	4,2
UN-no:	3394
ICAO/IATA-class:	4,2
UN-no:	3394 – AIR FREIGHT FORBIDDEN

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

Packaging & Standard Filling Volumes

TEAl.100.DOCK/10.150	100g / 150ccm cyl.
TEAl.300.DOCK/10.400	300g / 400ccm cyl.
TEAl.450.DOCK/10.600	450g / 600ccm cyl.
TEAl.750.DOCK/10.1000	750g / 1000ccm cyl.
TEAl.2200.DOCK/10.3000	2200g / 3000ccm cyl.

Product Description

Name:	TRIETHYLALUMINUM
CAS-Number:	97-93-8
Element:	Al
Molecular Formula:	C ₆ H ₁₅ Al

Quality Standards

EG Electronic Grade

Application

III/V MOCVD, ALD

Vapor Pressure

Vapor Pressure
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