

TRISILYLAMINE

TSA

 Product description

**Name:** TRISILYLAMINE  
**CAS-Number:** 13862-16-3

**Application:** MOCVD

**Element:** Si/N

# TRISILYLAMINE

# TSA

## Physical Properties

Vapor pressure equat.: 145 mbar at 0 °C

Density: 0.895 g/cm<sup>3</sup>

Molweight: 107.3 g/mol

Melting point: -106 °C / -159 °C

Boiling point: 52 °C / 125.6 °F

Sublimation point:

## Chemical Properties

Stability: Stable under inert gas

State of matter: Liquid

## Safety & Transport

Toxicity: Acute Toxicity (inhal.)

Thermal decomposition:

ADR/RID-class: 6.1(4.3+3)

UN-no: 3491, PG I

IMDG-class: 6.1(4.3+3)

UN-no: 3491, PG I

ICAO/IATA-class: 6.1(4.3+3)

UN-no: 3491, PG I – AIR FREIGHT FORBIDDEN

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

## Packaging & Standard Filling Volumes

TSA.100.DOCK/10.150 100g / 150ccm cyl.

TSA.300.DOCK/10.400 300g / 400ccm cyl.

TSA.450.DOCK/10.600 450g / 600ccm cyl.

TSA.800.DOCK/10.1000 800g / 1000ccm cyl.

TSA.2400.DOCK/10.3000 2400g / 3000ccm cyl.

## Quality Standards

EG Electronic Grade

## Vapor Pressure Curve

## Application

MOCVD



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