

TRIS(TRIMETHYLSILYL)PHOSPHINE

TTMSiP

 Product description

Name: TRIS(TRIMETHYLSILYL)PHOSPHINE

CAS-Number: 15573-38-3

Application: P doping of SiGe

Element: Si/P

TRIS(TRIMETHYLSILYL)PHOSPHINE

TTMSiP

Physical Properties

Vapor pressure equat.: ca. 0.07 mbar at 25 °C

Density: 0.863 g/cm³

Molweight: 250.54 g/mol

Melting point: 24 °C / 75 °F

Boiling point: 243 °C / 470 °F

Sublimation point:

Chemical Properties

Stability: Stable under inert gas

State of matter: Liquid

Safety & Transport

Toxicity: Pyrophoric

Thermal decomposition:

ADR/RID-class: 4.2

UN-no: 2845, PG I

IMDG-class: 4,2

UN-no: 2845, PG I

ICAO/IATA-class: 4,2

UN-no: 2845, PG I – AIRFREIGHT FORBIDDEN

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

Packaging & Standard Filling Volumes

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

TTMSiP.200.DOCK/10.400 200g / 400ccm cyl.

TTMSiP.400.DOCK/10.600 400g / 600ccm cyl.

TTMSiP.750.DOCK/10.1000 750g / 1000ccm cyl

TTMSiP.2000.DOCK/10.3000 2000g / 3000ccm cyl.

Quality Standards

EG Electronic Grade

Vapor Pressure Curve

Application

P doping of SiGe



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