

DIETHYLSELENIDE

DESe

 Product description

**Name:** DIETHYLSELENIDE

**CAS-Number:** 627-53-2

**Application:** III/V MOCVD dopant, II/VI deposition

**Element:** Se

# DIETHYLSELENIDE

## DESe

### Physical Properties

Vapor pressure equat.:  $\log(p(\text{Torr})) = 8.2 - 2020/T(\text{K})$

Density: 1.23 g/cm<sup>3</sup>

Molweight: 137.1 g/mol

Melting point: n.a.

Boiling point: 108 °C / 226.4 °F

Sublimation point:

### Chemical Properties

Stability: Stable under inert gas

State of matter: Liquid

### Safety & Transport

Toxicity: Toxic

Thermal decomposition:

ADR/RID-class: 6.1

UN-no: 1992

IMDG-class: 6.1

UN-no: 1992

ICAO/IATA-class: 6.1

UN-no: 1992 – AIR FREIGHT ALLOWED

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

### Packaging & Standard Filling Volumes

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

DESe.500.DOCK/10.400 420g / 400ccm cyl.

DESe.1250.DOCK/10.1000 1050g / 1000ccm cyl.

DESe.3700.DOCK/10.3000 3200g / 3000ccm cyl.

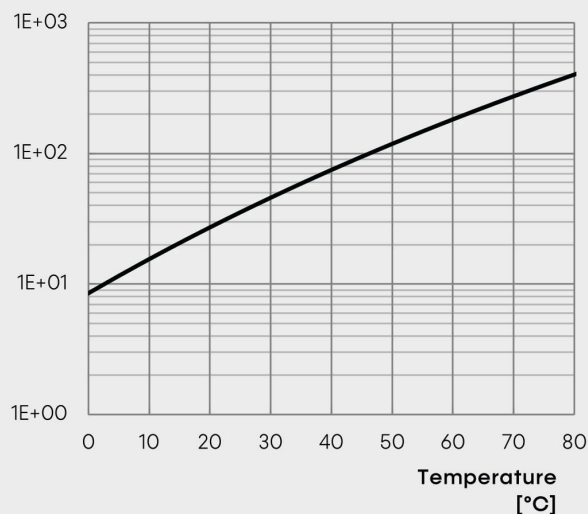
DESe.5000.DOCK/10.4000 4300g / 4000ccm cyl.

### Quality Standards

EG Electronic Grade

### Vapor Pressure Curve

Vapor Pressure  
[mbar]



### Application

III/V MOCVD dopant, II/VI deposition



Dockweiler Chemicals GmbH  
Emil-von-Behring-Strasse 76  
Goerzhaeuser Hof M217  
35041 Marburg, Germany

T +49 (0)6421 39-6380  
F +49 (0)6421 39-6381  
info@dockchemicals.com

[dockchemicals.com](https://dockchemicals.com)