

# GaBr<sub>3</sub>

## GALLIUM(III)BROMIDE

### Physical Properties

Vapor pressure equat.:  $\log(p(\text{Pa}) = 16.1 - 5250/T(\text{K}))$

Density: 3.69 g/cm<sup>3</sup>

Molweight: 309.44 g/mol

Melting point: 122 °C / 252 °F

Boiling point: n.a.

Sublimation point:

### Chemical Properties

Stability: Stable under recommended storage conditions

State of matter: Solid

### Safety & Transport

Toxicity: Corrosive

Thermal decomposition:

ADR/RID-class: 8

UN-no: 3260, PG II

IMDG-class: 8

UN-no: 3260, PG II

ICAO/IATA-class: 8

UN-no: 3260, PG II – AIRFREIGHT ALLOWED

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

### Packaging & Standard Filling Volumes

GaBr<sub>3</sub>.100.DOCK/10.150 100g / 150 ccm cyl.

GaBr<sub>3</sub>.400.DOCK/10.150 400g / 150 ccm cyl.

GaBr<sub>3</sub>.1200.DOCK/10.400 1200g / 400 ccm cyl.

GaBr<sub>3</sub>.3000.DOCK/10.1000 3000g / 1000 ccm cyl.

### Product Description

Name: GALLIUM(III)BROMIDE

CAS-Number: 13450-88-9

Element: Ga

Molecular Formula: GaBr<sub>3</sub>

### Quality Standards

DG Development Grade

### Application

CVD and ALD precursor

### Vapor Pressure

Vapor Pressure  
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