

# CBr<sub>4</sub>

## CARBONTETRABROMIDE

### Physical Properties

|                        |                                                    |
|------------------------|----------------------------------------------------|
| Vapor pressure equat.: | $\log(p(\text{Torr})) = 7.97 - 2347.7/T(\text{K})$ |
| Density:               | 2.96 g/cm <sup>3</sup>                             |
| Molweight:             | 332 g/mol                                          |
| Melting point:         | 90 °C / 19 4°F                                     |
| Boiling point:         | 190 °C / 374 °F                                    |
| Sublimation point:     |                                                    |

### Chemical Properties

|                  |                                             |
|------------------|---------------------------------------------|
| Stability:       | Stable under recommended storage conditions |
| State of matter: | Solid                                       |

### Safety & Transport

|                        |                            |
|------------------------|----------------------------|
| Toxicity:              | Toxic by Inhalation        |
| Thermal decomposition: |                            |
| ADR/RID-class:         | 6.1                        |
| UN-no:                 | 2516                       |
| IMDG-class:            | 6.1                        |
| UN-no:                 | 2516                       |
| ICAO/IATA-class:       | 6.1                        |
| UN-no:                 | 2516 – AIR FREIGHT ALLOWED |

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

### Packaging & Standard Filling Volumes

|                                    |                      |
|------------------------------------|----------------------|
| CBr <sub>4</sub> 100.DOCK/10.150   | 100g / 150ccm cyl.   |
| CBr <sub>4</sub> 200.DOCK/10.150   | 200g / 150ccm cyl.   |
| CBr <sub>4</sub> 500.DOCK/10.400   | 500g / 400ccm cyl.   |
| CBr <sub>4</sub> 750.DOCK/10.600   | 750g / 600ccm cyl.   |
| CBr <sub>4</sub> 1200.DOCK/10.1000 | 1200g / 1000ccm cyl. |

### Product Description

|                    |                    |
|--------------------|--------------------|
| Name:              | CARBONTETRABROMIDE |
| CAS-Number:        | 558-13-4           |
| Element:           | C                  |
| Molecular Formula: | CBr <sub>4</sub>   |

### Quality Standards

EG Electronic Grade

### Application

III/V MOCVD / Dopant for III/V

### Vapor Pressure

Vapor Pressure  
[mbar]

