

# DTBZn

## DITERTIARYBUTYLZINC

### Physical Properties

|                        |                            |
|------------------------|----------------------------|
| Vapor pressure equat.: | ca. 1 mbar at 25 °C        |
| Density:               | ca. 1.2 g/cm <sup>3</sup>  |
| Molweight:             | 179.61 g/mol               |
| Melting point:         | <10 °C / <50 °F            |
| Boiling point:         | 34 °C / 93 °F (21.33 mbar) |
| Sublimation point:     |                            |

### Chemical Properties

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

### Safety & Transport

|                        |                                                              |
|------------------------|--------------------------------------------------------------|
| Toxicity:              | Pyrophoric, Skin corrosion, flammable, Toxic to aquatic life |
| Thermal decomposition: |                                                              |
| ADR/RID-class:         | 4.2(4.3)                                                     |
| UN-no:                 | 3394, PG I                                                   |
| IMDG-class:            | 4.2(4.3)                                                     |
| UN-no:                 | 3394, PG I                                                   |
| ICAO/IATA-class:       | 4.2(4.3)                                                     |
| UN-no:                 | 3394, PG I – AIRFREIGHT FORBIDDEN                            |

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

### Packaging & Standard Filling Volumes

|                         |                      |
|-------------------------|----------------------|
| DTBZn.100.DOCK/10.150   | 100g / 150ccm cyl.   |
| DTBZn.400.DOCK/10.400   | 400g / 400ccm cyl.   |
| DTBZn.600.DOCK/10.600   | 600g / 600ccm cyl.   |
| DTBZn.1000.DOCK/10.1000 | 1000g / 1000ccm cyl  |
| DTBZn.3000.DOCK/10.3000 | 3000g / 3000ccm cyl. |

### Product Description

|                    |                                   |
|--------------------|-----------------------------------|
| Name:              | DI-TERT-BUTYLZINC                 |
| CAS-Number:        | 16636-96-7                        |
| Element:           | Zn                                |
| Molecular Formula: | C <sub>8</sub> H <sub>18</sub> Zn |

### Quality Standards

EG Electronic Grade

### Application

III/V Zn dopant, ZnO, IGZO

### Vapor Pressure

