

(EtCp)₂Sc(bdma)

MIDGARD

Physical Properties

| | |
|------------------------|---|
| Vapor pressure equat.: | $\log(p(\text{mbar})) = 9.03 - (3804/T(K))$ for T = 100-200 °C |
| Density: | ca. 1.3 g/cm ³ (25 °C) |
| Molweight: | 374.46 g/mol |
| Melting point: | 20-50 °C / 68-122 °F |
| Boiling point: | 120-150 °C / 248-302 °F (0.013 mbar) |
| Sublimation point: | |

Chemical Properties

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

Safety & Transport

| | |
|------------------------|---------------------------|
| Toxicity: | Flammable, Water-reactive |
| Thermal decomposition: | |
| ADR/RID-class: | 3 (4.3) |
| UN-no: | 3399, PG II |
| IMDG-class: | 3 (4.3) |
| UN-no: | 3399, PG II |
| ICAO/IATA-class: | 3 (4.3) |
| UN-no: | 3399, PG II |

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

Packaging & Standard Filling Volumes

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|-------------------------|--------------------|
| MIDGARD.50.DOCK/10.150 | 50g / 150ccm cyl. |
| MIDGARD.100.DOCK/10.150 | 100g / 150ccm cyl. |
| MIDGARD.250.DOCK/10.400 | 250g / 400ccm cyl. |
| MIDGARD.500.DOCK/10.600 | 500g / 600ccm cyl. |

Product Description

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|--------------------|--|
| Name: | BIS(ETHTHLYCYCLOPENTADIENYL) (BIS(DIMETHYLAMINO)ACETAMIDI- NATO)SCANDIUM |
| CAS-Number: | 3026794-22-6 |
| Element: | Sc |
| Molecular Formula: | C ₂₀ H ₃₃ N ₄ Sc |

Quality Standards

DG Development Grade

Application

AlScN MOCVD, Sc Oxide deposition

Vapor Pressure

