

'DOCK/ CHEMICALS

SEMICONDUCTORS DECISION

C₆H₁₂

Liquid carbon dopant for MOCVD

'MO-III/V

BP: 60-66 °C/140-151 °F/1013 hPa

'1-HEXENE

PRODUCT DATASHEET

1-HEXENE

Identification

| | |
|----------------------|------------------|
| CAS-No: | 592-41-6 |
| EC-No: | 209-753-1 |
| EG-Index-No.: | n.r. |
| Other name: | - |

MO-III/V

PHYSICAL PROPERTIES

| | |
|-------------------------------|--|
| Vapor pressure equat.: | $\lg p(\text{Torr}) = 6.9641 - 1207.3 / (T(^{\circ}\text{C}) + 232.154)$ |
| Density: | 0.678 g/cm ³ (25 °C) |
| Molweight: | 84.16 g/mol |
| Melting point: | -140 °C/-220 °F |
| Boiling point: | 60-66 °C/140-151 °F |

CHEMICAL PROPERTIES

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

SAFETY & TRANSPORT

| | |
|--------------------------------|--------------------------------|
| Toxicity: | No data available |
| Explosion limit Vol%: | Lower explosion limit: 1,2%(V) |
| Auto ignition temp. °C: | 253 °C/487 °F |
| ADR/RID | |
| ADR/RID-class: | 3 |
| UN-no: | 2370 |
| IMDG | |
| IMDG-class: | 3 |
| UN-no: | 2370 |
| ICAO/IATA | |
| ICAO/IATA-class: | 3 |
| UN-no: | 2370 – AIR FREIGHT ALLOWED |

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

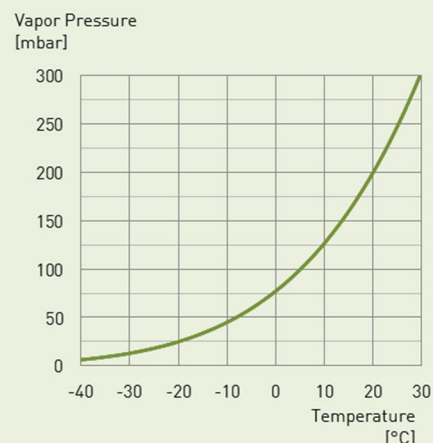
PACKAGING & STANDARD FILLING VOLUMES

| | |
|---------------------------------|----------------------|
| HEXENE.100.DOCK/10.150 | 100g / 150ccm cyl. |
| HEXENE.250.DOCK/10.400 | 250g / 400ccm cyl. |
| HEXENE.350.DOCK/10.600 | 350g / 600ccm cyl. |
| HEXENE.600.DOCK/10.1000 | 600g / 1000ccm cyl. |
| HEXENE.1850.DOCK/10.3000 | 1850g / 3000ccm cyl. |
| HEXENE.2400.DOCK/10.3950 | 2400g / 3950ccm cyl. |

QUALITY STANDARDS

EG Electronic Grade

VAPOR PRESSURE CURVE



APPLICATION

III/V MOCVD dopant

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PRODUCT DATASHEET

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