

Dimethyldicykan

3,3'-Dimethyl-4,4'-diamino-dicyclohexylmethane

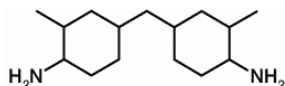
Baxxodur® EC 331

Technical Data Sheet

January 2012

 **BASF**
The Chemical Company

Formula C₁₅H₃₀N₂
Molecular Weight 238.4
PRD Number 30036764
CAS Registry Number 6864-37-5



Product Specifications	Value	Test Method
Assay, % minimum	99.0	GC
Water, % maximum	0.50	DIN-51-777
Color, APHA maximum	12	DIN EN 1557

Physical Properties
Melting temperature, °C -7.1
Boiling temperature, °C 347
Density @20°C, g/cm ₃ 0.945
Flash point, °C 173
Ignition temperature, °C 275

Description

Dimethyldicykan is a colorless to yellow liquid with an amine-like odor.

Synonyms

Dimethyldicykan
DMDC
Bis(3-methyl-4-aminocyclohexyl)
methane
4,4'-Methylenebis[2-
methylcyclohexanamine]
2,2'-Dimethyl-4,4'-methylenebis
(cyclohexylamine)

Safety

Dimethyldicykan causes severe burns and is harmful if swallowed. Toxic by inhalation and in contact with skin.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on safety.

Applications

Intermediate used in:

- Hardeners for epoxy resins
- Initial product for chemical syntheses
- Paint
- Polyamide

Packaging

Available in drums.

Storage & Handling

Dimethyldicykan has a shelf life of 24 months. Protect from fire, static discharges, acids and acid forming substances.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

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