DIMETHYLBENZYLAMINE

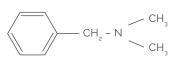


• Chemical formula: C₀H₁₂N

CAS No.: 103-83-3HS No.: 2921 4900

• Registration No.: 01-2119529232-48-0001

 Appearance: N,N-Dimethylbenzylamine is colourless liquid, with good solubility in alcohol and ether and with bad solubility in water.



GENERAL CHARACTERISTICS

| Parameter | Unit | Requirements |
|------------------|-------|--------------|
| Density at 20 °C | kg/m³ | 900 |
| Boiling point | °C | 180 |
| Flash point | °C | 57 |
| Melting point | °C | -75 |

APPLICATIONS AREA

Dimethylbenzylamine is used as a **catalyst for soft polyester-based polyurethane systems**, semisolid foams, for productions of **dyestuffs**, **pigments and optical brighteners**, pre-polymerisation agents, to improve the effect of impregnation agents on cellulose fibres

SEGMENTS

- · Agriculture
- · Dyestuffs, pigments and optical brighteners
- · Manufacturing of coatings corrosion inhibitor
- · Manufacturing of fungicides
- Manufacturing of herbicides
- · Manufacturing of pesticides
- · Manufacturing of insecticides
- · Manufacturing of pharmaceutical agents
- · Manufacturing of textile dyestuffs
- · Polyurethane foams catalysts
- Polyester resins catalysts

SPECIFICATIONS

| Parameter | Unit | Requirements |
|-------------------------|------------|--------------|
| N,N-Dimethylbenzylamine | wt. % min. | 99.0 |
| Water | wt. % max. | 0.2 |

SYNONYMS

Benzyldimethylamine
Benzyl-N,N-dimethylamine
N,N-Dimethylbenzenemethanamine
N,N-Dimethylbenzylamine
N-(Phenylmethyl) dimethylamine

HEALTH HAZARD EFFECTS

Corrosive. Contact with skin causes burns.

ADR REGULATIONS

UN 2619 BENZYLDIMETHYLAMINE, 8, (3), II, (D/E)

PACKAGING

Road tank cars

Drums (216 l) 185 kg IBC (1,000 l) 845 kg

Tank containers

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