

Fentacat B12 catalyst CAS111-42-2 Solvay

Fentacat B12 is a major aliphatic amine catalyst used in the production of polyurethane foams. It is a clear, colorless liquid with a mild odor. Fentacat B12 is a fast reaction catalyst that produces a low volatile foam with good physical properties.

Product Overview

Fentacat B12 is a major fatty amine catalyst used in the production of polyurethane foams.

It is a clear, colorless liquid with a mild odor.

Fentacat B12 is a fast reaction catalyst that produces a low volatile foam with good physical properties.

Physical and chemical properties

- CAS Number: 111-42-2
- Alias: N, n-dimethyl-1, 3-diamino-propane
- Molecular formula: C₆H₁₅N₃
- Molecular weight: 121.19 g/mol
- Density: 0.93 g/cm³
- Flash point: 110°F (43°C)

- Solubility: miscible with water and most organic solvents

Application

- Fentacat B12 is used to produce polyurethane foams for a variety of applications, including:
 - furniture
 - Cars
 - Building construction
 - Footwear
 - Medical equipment

Pros

- Fentacat B12 is a fast reaction catalyst that produces a low volatile foam with good physical properties.
- It is also a versatile catalyst that can be used with a variety of polyols and isocyanates.

How to make it

Fentacat B12 is made by condensation of dimethylamine with 1, 3-diamino-propane.

Precautions for use

- Fentacat B12 is a flammable liquid and should be handled with care.
- It is also a skin irritant and should be used with gloves and goggles.

Additional information

- Fentacat B12 is a registered trademark of Huntsman Corporation.
- For more information about Fentacat B12, visit the Huntsman website.



Shelf life:

Remain unopened for two years

Storage and Transportation:

Newtop Chemical Materials (Shanghai) Co.,Ltd.

Address: Rm1104 ,No. 258, West SongXing Road, BaoShan District, Shanghai, China.

Mobile Phone: +0086-183 0190 3151 E-mail: info@newtopchem.com www.newtopchem.com

Should be sealed, stored in a dry cool ventilated warehouse

Packing:

200KG/ barrel storage: It is recommended to store in a dry and cool area with proper ventilation. After the original packaging, please fasten the packaging cover as soon as possible to prevent moisture and other substances from mixing and affecting the product performance. Do not inhale dust and avoid contact between skin and mucous membrane. Smoking, eating and drinking are prohibited in the workplace. Shower and change after work. Store contaminated clothes separately and use them after washing. Practice good hygiene.

Technical support and business contacts E-mail: info@newtopchem.com