Newtop Chemical Materials (Shanghai) Co.,Ltd.

Technical Indicators

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)

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• Solubility: miscible with water and most organic solvents

Application

Fentacat B12 is used to produce polyurethane foams for a variety of applications,
including:

- furniture
- o Cars
- Building construction
- o 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.

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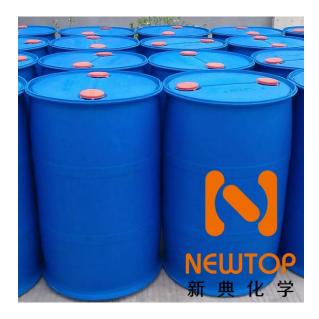


Precautions for use

- 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:

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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