

Jeffcat PMDETA catalyst CAS3030-47-5 Huntsman

Product Description

Jeffcat PMDETA is a pentamethyldiethylenetriamine. It is a clear, colorless liquid with a mild odor. Jeffcat PMDETA is used as a catalyst in the production of polyurethane foams. It is compatible with most common polyols and isocyanates.

Physicochemical properties

| Properties | value |
|------------------------|------------------------|
| Appearance | Clear colorless liquid |
| Scent | Mild, amine-like |
| pH | 11.6 |
| Specific gravity | 0.85 |
| Flash point | 68 °C (154 °F) |
| Spontaneous combustion | 158 °C (316 °F) |

| | |
|-------------|---|
| temperature | |
| Solubility | Miscible with water, alcohols and ketones |
| Stable | Stabilize at room temperature |

CAS number

3030-47-5

Molecular Formula

C₈H₂₀N₂O

Molecular weight

160.26 g/mole

Apply

Jeffcat PMDETA is used to catalyze the reaction of polyols and isocyanates to produce polyurethane foam. It is used in a variety of applications including:

- Rigid foam

- Soft foam
- Spray foam
- Molding foam
- Styrofoam

Precautions for use

Jeffcat PMDETA is a flammable liquid and should be handled with care. It should be stored in a cool, dry place away from heat sources and open flames. Jeffcat PMDETA can irritate the skin and eyes. If it comes into contact with skin or eyes, wash the affected area with soap and water immediately. If inhaled, move to fresh air and seek medical attention if breathing becomes difficult.

Consult the safety data sheet for more information on Jeffcat PMDETA.

Here are some additional precautions to take when using Jeffcat PMDETA:

- Wear gloves, goggles, and a respirator when handling Jeffcat PMDETA.
- Avoid inhaling vapors or fumes.
- Do not eat or drink while using Jeffcat PMDETA.
- Wash your hands thoroughly after handling Jeffcat PMDETA.
- Dispose of Jeffcat PMDETA properly according to local regulations.



Shelf life:

Remain unopened for two years

Storage and Transportation:

Should be sealed, stored in a dry cool ventilated warehouse

Packaging:

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