

## Jeffcat DMDEE Catalyst CAS11225-78-5 Huntsman

### Product Description

Jeffcat DMDEE is a 2,2' -dimorpholine diethyl ether amine. It is a clear, colorless liquid with a mild odor. Jeffcat DMDEE is a selective foaming catalyst that provides a stable prepolymer system. It is ideal for single-component systems. Typical applications for Jeffcat DMDEE include ether and ester based blocks and high resilience (HR) molded soft foams.

### Physicochemical properties

- CAS number: 11225-78-5
- Molecular formula: C<sub>10</sub>H<sub>19</sub>NO<sub>2</sub>
- Molecular weight: 189.26 g/mol
- Density: 1.02 g/cm<sup>3</sup>
- Flash point: 120 °F (49 °C)
- Solubility: miscible with water, alcohol, ketone

### Application

Jeffcat DMDEE is used to produce a variety of polyurethane foams, including:

- Rigid foams
- Soft foam
- Molding foam
- Paint foam
- elastomer

### **Strengths**

Jeffcat DMDEE has a number of advantages over other polyurethane foam catalysts, including:

- Selective foam catalyst
- Stable prepolymer system
- Ideal for single component systems

### **Precautions for use**

Jeffcat DMDEE is a flammable liquid and should be handled with care. It is also a skin irritant and contact with skin and eyes should be avoided. If Jeffcat DMDEE comes into contact with skin or eyes, wash the affected area with soap and water immediately.

### **Storage**

Jeffcat DMDEE should be stored in a cool, dry place. It should be stored in an airtight container to prevent evaporation.

### Treatment

Jeffcat DMDEE should be disposed of in accordance with local regulations.

The following is a list of physicochemical properties of Jeffcat DMDEE:

| Property          | Value   |
|-------------------|---|
| CAS number        | 11225-78-5                                      |
| Molecular Formula | C <sub>10</sub> H <sub>19</sub> NO <sub>2</sub> |
| Molecular weight  | 189.26 g/mole                                   |
| Density           | 1.02 g/cm <sup>3</sup>                          |
| Flash point       | 120°F (49°C)                                    |
| Solubility        | Miscible with water, alcohols and ketones       |



**Shelf life:**

Remain unopened for two years

**Storage and Transportation:**

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.

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