

## Jeffcat DMEA catalyst CAS107-15-3 Huntsman

Jeffcat DMEA is a dimethylethanolamine (DMEA) product. It is a clear, colorless liquid with a mild odor. DMEA is a versatile chemical that can be used in a variety of applications, including:

- **Solvents:** DMEA can be used as a solvent for a variety of materials, including plastics, resins, and oils.
- **Hardener:** DMEA can be used as hardener for a variety of resins, including epoxy and polyurethane resins.
- **Buffer:** DMEA can be used as a buffer for a variety of chemical reactions.
- **Surfactants:** DMEA can be used as a surfactant in a variety of applications, including personal care products and industrial cleaners.

### Physicochemical properties:

Properties	value
CAS number	15-107-3
Molecular	CH <sub>3</sub> (CH <sub>2</sub> ) <sub>2</sub> NH <sub>2</sub>

Formula	
Molecular weight	73.13 g/mole
Appearance	Clear colorless liquid
Density	0.91 g/cm <sup>3</sup>
Boiling point	187 °C
Flash point	112 °C
Solubility	Miscible with water, ethanol, and other polar solvents

**Apply:**

Jeffcat DMEA is used in a variety of applications, including:

- **Solvent:** DMEA can be used as a solvent in a variety of materials, including plastics, resins, and oils. It is commonly used in the production of polyurethane foams and elastomers.

- **Hardener:** DMEA can be used as hardener for a variety of resins, including epoxies and polyurethanes. It is commonly used in the production of coatings, adhesives, and composites.
- **Buffer:** DMEA can be used as a buffer for a variety of chemical reactions. It is commonly used to produce pharmaceuticals and other products that require a specific pH level.
- **Surfactants:** DMEA can be used as a surfactant in a variety of applications, including personal care products and industrial cleaners. It is commonly used to improve the wetting and dispersing properties of these products.



**Pros:**

- Jeffcat DMEA is a versatile chemical that can be used in a variety of applications.
- DMEA is relatively inexpensive.
- DMEA is easy to use.

**Precautions for use:**

- Jeffcat DMEA is a skin irritant and potential carcinogen.
- Jeffcat DMEA should be used in a well-ventilated area.
- Wear gloves and safety goggles when handling Jeffcat DMEA.
- Jeffcat DMEA should not be ingested.

**See the Safety Data Sheet (SDS) for more information.**

**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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