

Tegoamin DMEA Catalyst CAS108-01-0 Degussa AG

Tegoamin DMEA is a transparent, colorless to light yellow, hygroscopic liquid with a mild odor. It is a tertiary amine that acts as a strong catalyst for the reaction of isocyanates with water. Tegoamin DMEA is used in the production of polyurethane foams, elastomers, and coatings.

Physical and chemical properties

CAS Number: 108-01-0

Molecular Formula: C₄H₁₁NO

Molecular weight: 89.1362 g/mol

Specific gravity: 0.940-0.950 g/cm³

Boiling point: 197-199°C

Flash point: 110 °C

Solubility: miscible with water, alcohol, and most organic solvents

Application

Tegoamin DMEA is used in the production of polyurethane foams, elastomers and coatings. It is a strong catalyst for the reaction of isocyanates with water, helping to improve the performance of the final product. Tegoamin DMEA is also used in the production of some pharmaceuticals and personal care products.

Pros

- Tegoamin DMEA is a strong catalyst for reactions of isocyanates with water.
- It helps to improve the properties of the final product, such as strength, flexibility and water resistance.
- Tegoamin DMEA is compatible with a wide range of materials.
- It is relatively inexpensive.

Precautions for use

- Tegoamin DMEA is strongly irritating to the skin, eyes and respiratory system.
- It is flammable and may explode if mixed with other chemicals.
- Tegoamin DMEA should be handled with care in a well-ventilated area.



Safety data Sheet

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Tegoamin DMEA's Safety Data Sheet (SDS) provides more detailed information on the product's physical and chemical properties, hazards and safety handling procedures.

The SDS can be obtained from the manufacturer or distributor.

Expiration date:

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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