

## Dabco EG catalyst CAS280-57-9 Evonik Germany

Aliases: Dabco EG, PC CAT TD 33EG, Niax A-533, Lupragen N203, TEDA-L33E,

Polyurethane amine catalyst EG, sole catalyst EG

Dabco EG is a 33% solution of triethylenediamine (TEDA) in ethylene glycol. It is a clear, colorless liquid with a mild odor. Dabco EG is used as a catalyst in polyurethane synthesis. It is also used as a reagent in organic synthesis.

Dabco EG is a strong base that corrodes metals. It is also flammable and may explode if mixed with other chemicals. Dabco EG should be handled with care and stored in a cool, dry place.

Here are some of the characteristics of Dabco EG:

Molecular formula:  $C_6H_{14}N_4$

Molecular weight: 154.2 g/mol

Appearance: clear colorless liquid

Smell: mild

Density: 1.03 g/cm<sup>3</sup>

Boiling point: 195 ° C

Flash point: 100°F

Solubility: Soluble in water, ethanol, dichloromethane

Stability: Stable under normal conditions

Danger: corrosive, flammable and explosive

Dabco EG is used in a variety of polyurethane applications, including:

- Soft foam
- Hard foam
- Isocyanurate foam
- Elastomer
- Paint
- Adhesive
- Sealer

Dabco EG is a versatile and effective polyurethane catalyst. It is available from a variety of suppliers.

Here are some safety precautions to take when using Dabco EG:

- Wear gloves, goggles, and a respirator when handling the Dabco EG.

- Avoid contact with skin and eyes.
- Do not inhale vapors or fumes.
- Keep away from heat sources and open flames.
- Store in a cool, dry place.
- Dispose of it properly according to local regulations.

Here are some more details about Dabco EG:

Dabco EG is a strong base that can cause skin and eye irritation. If it comes into contact with your skin or eyes, flush the affected area with water for at least 15 minutes and seek immediate medical attention.

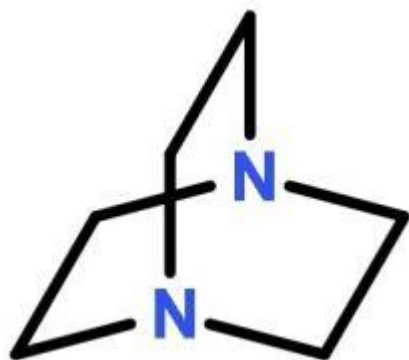
Dabco EG is flammable and can irritate the respiratory tract if inhaled. If you inhale steam or smoke, move to fresh air and seek medical attention if you develop any symptoms.

Dabco EG can be explosive if mixed with other chemicals, such as aldehydes, ketones, and carboxylic acids. Do not mix Dabco EG with any other chemicals unless you are sure they are compatible.

If you are using Dabco EG, be sure to follow all safety precautions. Wear gloves, goggles, and a respirator when handling a Dabco EG. Avoid contact with skin and eyes. Do not inhale vapors or fumes. Keep away from heat sources and open flames. Store in a cool, dry place. Dispose of it properly according to local regulations.

Here is some additional information about Dabco EG:

- Dabco EG is a registered trademark of Evonik Industries.
- Dabco EG is available in a variety of sizes and concentrations.
- Dabco EG is a cost-effective polyurethane catalyst.
- Dabco EG is a safe and effective catalyst when used properly.



**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.

**Technical support and business contacts E-mail: [info@newtopchem.com](mailto:info@newtopchem.com)**