

## Dabco PT303 catalyst CAS1066-33-4 Evonik Germany

Dabco PT303 is a high performance, low odor, water soluble catalyst for the production of rigid polyurethane foam. It is a tertiary amine that reacts with water to form an amide, which then reacts with isocyanate to form polyurethane foam. Dabco PT303 is a clear, colorless liquid with a mild odor. It is non-flammable and has low viscosity. Dabco PT303 is compatible with many polyols and isocyanates. It is also water compatible, which makes it ideal for applications that require water-based foams.

### Overview

Trade name: Dabco PT303

CAS No. : 1066-33-4

Molecular Formula: C<sub>12</sub>H<sub>23</sub>N

Appearance: clear colorless liquid

Smell: mild

Density: 0.84 g/cm<sup>3</sup>

Viscosity: 5 mPa.s

Flash point: 72 °C

Water soluble: Soluble

Compatibility: Compatible with many polyols and isocyanates

## Application

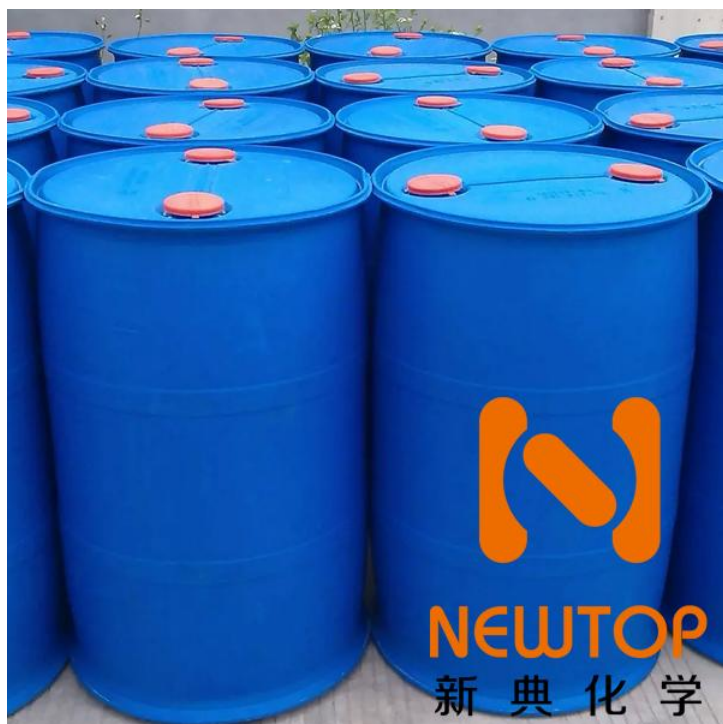
- Rigid polyurethane foam
- Insulation
- Automobile parts
- Appliances
- Building materials
- Footwear
- Sports equipment

## Strengths

- High Performance
- Low odor
- Water soluble
- Compatible with many polyols and isocyanates

## Cons

- Corrosive to certain metals
- Combustible
- May be toxic by inhalation



### Precautions for use

- Wear gloves and safety goggles when handling Dabco PT303.
- Keep Dabco PT303 away from heat and flames.
- Do not inhale steam or smoke.
- If it comes into contact with your skin, wash it immediately with soap and water.
- In case of contact with eyes, rinse with water for 15 minutes and seek immediate medical attention.

**Newtop Chemical Materials (Shanghai) Co.,Ltd.**

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- Dispose of Dabco PT303 according to local regulations.

### Physical Properties Table

Properties	value
CAS number	1066-33-4
Molecular Formula	C <sub>12</sub> H <sub>23</sub> N
Appearance	Clear colorless liquid
Scent	Mild
density	0.84 g/cm <sup>3</sup>
Viscosity	5 mPa.s
Flash point	72 °C
Water soluble	Soluble
Compatibility	Compatible with many polyols and isocyanates

**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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