

## Dabco MB20 catalyst CAS 68007-43-3 Evonik Germany

Dabco MB20 is a clear, colorless liquid with a mild odor. It is a bismuth-based gelling catalyst suitable for a wide range of polyurethane formulations. It does not contain 2-EHA, DBT, or TBT.



### Physical and chemical properties

Property	Value
CAS number	43-68007-3
Molecular Formula	C <sub>14</sub> H <sub>22</sub> BiO <sub>2</sub>

Molecular weight	326.29 g/mole
Appearance	Clear colorless liquid
Scent	Mild
Solubility	Miscible with water, alcohol and ketone
Flash Point	70C (158F)
Spontaneous combustion temperature	662 degrees Fahrenheit (350 degrees Celsius)
Specific Gravity	1.22g/cm <sup>3</sup>
Steam pressure	0.004 MMHG at 20 °C
Refractive Index	1.500 at 20 °C

**To apply:**

Dabco MB20 is used in a variety of applications, including:

Soft blocky foam

High density soft block foam

Spray foam

Microcellular foam

Rigid foam system

### **Precautions for use:**

Dabco MB20 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 contact occurs, wash the affected area with soap and water immediately. If swallowed, call the poison control center immediately.

### **Storage and disposal:**

Dabco MB20 should be stored in a cool, dry place. It should be kept in an airtight container to prevent contamination. Dispose of Dabco MB20 according to local, state, and federal regulations.

### **Additional information:**

Dabco MB20 is a safe and effective catalyst for a wide range of applications. It is a clear, colorless liquid with a mild odor. Dabco MB20 should be handled with care because of

its flammability and potential skin irritation. It should be stored in a cool, dry place and disposed of according to local, state, and federal regulations.

Here is some additional information about the Dabco MB20:

- It is a clear, colorless liquid with a mild odor.
- It is a bismuth-based gelling catalyst.
- It is compatible with a variety of isocyanates and polyols.
- It 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.
- It should be stored in a cool, dry place.
- It should be kept in an airtight container to prevent contamination.
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### **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)**