

## Jeffcat ZR-70 catalyst CAS1704-62-7 Huntsman

Jeffcat ZR-70 is a liquid catalyst used in the production of polyurethane foam. It is a clear, colorless liquid with a faint odor. The chemical name for Jeffcat ZR-70 is 2-(2-dimethylaminoethoxy) ethanol. CAS number is 1704-62-7. Molecular formula C<sub>7</sub>H<sub>15</sub>NO<sub>2</sub>. The molecular weight is 141.21 g/mol.

Jeffcat ZR-70 is a strong, quick-acting catalyst used to accelerate the curing of polyurethane foam. It is particularly suitable for applications that require rapid curing, such as the production of soft and hard foams. Jeffcat ZR-70 is also ideal for applications that require a low odor, such as the production of foams for automotive interiors.

Jeffcat ZR-70 is a safe and effective catalyst when used as directed. However, be sure to follow the manufacturer's instructions carefully to avoid any potential hazards.

Some precautions to take when using Jeffcat ZR-70 include:

Wear gloves and safety goggles when handling Jeffcat ZR-70.

Avoid inhaling the vapor or mist of Jeffcat ZR-70.

Keep Jeffcat ZR-70 away from heat sources and open flames.

Do not store Jeffcat ZR-70 in food or beverage containers.

If Jeffcat ZR-70 comes into contact with your skin, wash the area thoroughly with soap and water. If Jeffcat ZR-70 gets in your eyes, rinse with water for at least 15 minutes and seek immediate medical attention. If you swallow Jeffcat ZR-70, do not induce vomiting and seek immediate medical attention.

Jeffcat ZR-70 is a versatile and effective catalyst that can be used in a variety of polyurethane foam applications. Be sure to follow the manufacturer's instructions carefully to avoid any potential hazards.

### Physicochemical properties of Jeffcat ZR-70

Properties	value
CAS number	1704-62-7
Molecular Formula	C7H15NO2
Molecular weight	141.21 g/mole
Appearance	Clear colorless liquid
Scent	Dizzy

Specific gravity	0.95 g/cm <sup>3</sup>
Flash point	90 °C (194 °F)
Spontaneous combustion temperature	205 °C (401 °F)
Boiling point	203.5 C (398.3 F)
Solubility in water	Complete miscibility
pH	10.9

### Application of Jeffcat ZR-70

Jeffcat ZR-70 is a versatile catalyst that can be used in a variety of polyurethane foam applications. Some of the most common applications include:

- Soft foam
- Hard foam
- Microcellular foam
- Elastomer
- Rims with Rims

- Bubble wrap

### **The pros of Jeffcat ZR-70**

Jeffcat ZR-70 has a number of advantages over other catalysts, including:

- Fast action
- Strong
- Low scent
- Safe and effective

### **Precautions for use**

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and seek immediate medical attention. If you swallow Jeffcat ZR-70, do not induce vomiting and seek immediate medical attention.



**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)**