

NT CAT LA-303 catalyst CAS1066-33-4 Newtopchem

NT CAT LA-303 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. NT CAT LA-303 is a clear, colorless liquid with a mild odor. It is non-flammable and has low viscosity. NT CAT LA-303 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: NT CAT LA-303

CAS No. : 1066-33-4

Molecular Formula: C₁₂H₂₃N

Appearance: clear colorless liquid

Smell: mild

Density: 0.84 g/cm³

Viscosity: 5 mPa.s

Flash point: 72 °C

Water soluble: Soluble

Compatibility: Compatible with many polyols and isocyanates

Application

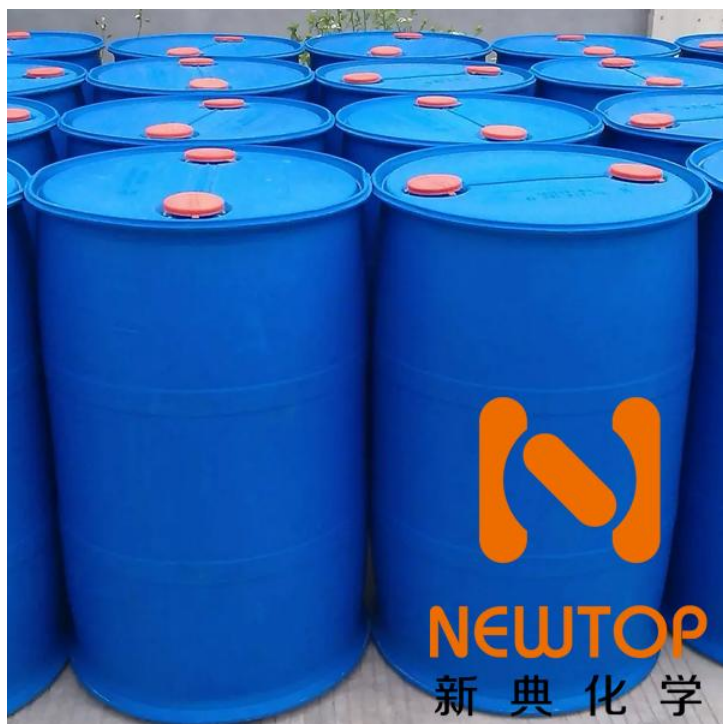
- Rigid polyurethane foam
- Insulation
- Automobile parts
- Appliances
- Building materials
- Footwear
- Sports equipment

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 NT CAT LA-303.
- Keep NT CAT LA-303 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.

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- Dispose of NT CAT LA-303 according to local regulations.

Physical Properties Table

Properties	value
CAS number	1066-33-4
Molecular Formula	C ₁₂ H ₂₃ N
Appearance	Clear colorless liquid
Scent	Mild
density	0.84 g/cm ³
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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