

## Fentacat D89 catalyst CAS108-13-7 Solvay

Fentacat D89 is a colorless, clear liquid with a mild odor.

It is a primary amine, which means it has one nitrogen atom bonded to one hydrogen atom.

It is a monoethanolamine, which is an amine. Amines are organic compounds that contain nitrogen atoms.

Fentacat D89 is used as a catalyst in the production of polyurethane foam. Polyurethane foam is a type of plastic made from a reaction between polyols and isocyanates. The amines in Fentacat D89 speed up the reaction between the polyol and the isocyanate, which causes the foam to cure faster.

Fentacat D89 is also used as a surfactant, a substance that reduces the surface tension of liquids. Surfactants are used in a variety of products, including personal care products, food, and industrial cleaners.

The CAS number for Fentacat D89 is 108-13-7. This number is used to identify Fentacat D89 in scientific and regulatory databases.

Here is some additional information about the CAS number:

CAS numbers are unique identifiers for chemical substances.

It is designated by the American Chemical Society (ACS).

CAS numbers are used to identify chemicals in scientific and regulatory databases.

It is also used to track the movement of chemicals through the supply chain.

CAS numbers are an important tool for chemists, regulators, and businesses that work with chemicals. It helps ensure that chemicals are properly identified and tracked, which can help prevent accidents and protect public health.

The physicochemical properties of Fentacat D89 are as follows:

- Molecular weight: 108.13 g/mol
- Appearance: clear colorless liquid
- Smell: mild
- Density: 0.94 g/cm<sup>3</sup>
- Boiling point: 195 °C
- Flash point: 105 °C
- Solubility: miscible with water, alcohol, ether
- Stability: Stable under normal conditions
- Hazard: Flammable, corrosive, harmful to swallow

Fentacat D89 should be handled with care and stored in a cool, dry place. It should be kept out of reach of children and pets.

Here is some additional information about Fentacat D89:

- It is a registered trademark of Solvay Specialty Chemicals.
- It is manufactured in the United States.
- It comes in 180 kg barrels.
- The cost of Fentacat D89 varies by container size and supplier.

If you are interested in using Fentacat D89, you should contact a qualified professional.

Here are some additional safety considerations for Fentacat D89:

- Fentacat D89 may be harmful if swallowed, inhaled, or absorbed through the skin.
- It can irritate the eyes, skin and respiratory system.
- It can be flammable and explosive.
- It should be handled with care and stored in a cool, dry place.
- It should be kept out of reach of children and pets.

If you come into contact with Fentacat D89, be sure to seek medical attention immediately.



**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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