

Kosmos 19 Catalyst CAS121-73-6 Degussa AG

Kosmos 19 is a transparent, colorless to light yellow, hygroscopic liquid with a mild odor. It is dibutyltin dilaurate and is a strong catalyst for the reaction of isocyanates with water. Kosmos 19 is used in the production of polyurethane foams, elastomers, and coatings.

Physical and chemical properties

Properties	value
CAS number	121-73-6
Molecular Formula	C ₂₄ H ₄₆ O ₄ Sn
Molecular weight	464.72 g/mole
Specific gravity	0.985-0.995 g/cm ³
Boiling point	280-285 °C
Flash point	140 °C

solubility	Miscible with water, alcohol, and most organic solvents
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Application

Kosmos 19 is used in the production of polyurethane foams, elastomers and coatings. It is a strong catalyst for the reaction of isocyanates with water, helping to improve the performance of the final product. Kosmos 19 is also used in the manufacture of some pharmaceuticals and personal care products.

Pros

Kosmos 19 is a strong catalyst for the reaction of isocyanates with water.

It helps to improve the properties of the final product, such as strength, flexibility, and water resistance.

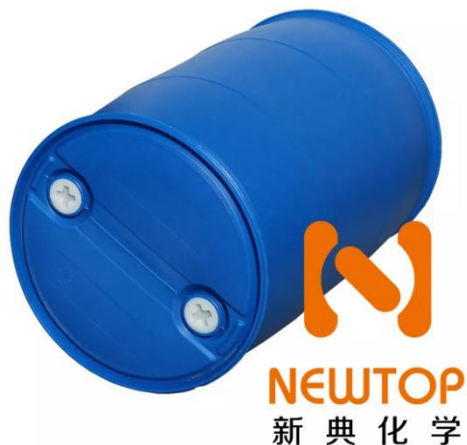
Kosmos 19 is compatible with a wide range of materials.

It is relatively inexpensive.

Precautions for use

- Kosmos 19 has a strong irritating effect on the skin, eyes and respiratory system.
- It is flammable and may explode if mixed with other chemicals.

- Kosmos 19 should be handled carefully in a well-ventilated area.



Safety Data Sheet

Kosmos 19's Safety Data Sheet (SDS) provides more detailed information about the product's physical and chemical properties, hazards, and safety handling procedures. The SDS can be obtained from the manufacturer or distributor.

Expiration date:

Remained 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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