

U-CAT SA 810 catalyst CAS12765-71-6 Sanyo Japan

U-CAT SA 810 is a thermal latent alkali generator. It is a phthalate of DBU (1, 8-bis (dimethylamino-) naphthalene) and is active at about 140°C. It is used as a polyurethane catalyst and epoxy curing accelerator.

Physical and chemical properties

CAS Number: 12765-71-6

Molecular Formula: C₁₄H₁₇N₃O₄

Molecular weight: 275.31 g/mol

Appearance: White to white powder

Density: 1.25g/cm³

Solubility: Soluble in alcohol (methanol)

Use

U-CAT SA 810 is used as a polyurethane catalyst and epoxy curing accelerator. It is also used in the production of polyurethane foams and epoxy resins.

Pros

- U-CAT SA 810 is a thermolotent alkali generator, which means it does not exhibit catalytic activity until heated to about 140°C. This makes it a safe and easy to use catalyst.
- U-CAT SA 810 is a broad-spectrum catalyst, which means it can be used with a variety of polyurethanes and epoxies.
- U-CAT SA 810 is a high performance catalyst, which means it can produce polyurethane and epoxy products with excellent properties.



Precautions

- U-CAT SA 810 is a skin irritant and respiratory irritant. It is also a flammable material.
- It is very important to wear gloves, goggles, and a respirator when using the U-CAT SA 810. It is also important to keep the U-CAT SA 810 away from heat and flames.

Physical and Chemical Properties Table

Properties	value
CAS number	12765-71-6
Molecular Formula	C ₁₄ H ₁₇ N ₃ O ₄
Molecular weight	275.31 g/mole
Appearance	White to white powder
Density	1.25 g/cm ³
Solubility	Soluble in alcohol (methanol)

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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