

FASCAT4100 catalyst monobutyl tin oxide FASCAT 4100

Overview:

Chinese name: FASCAT4100 catalyst

Alias: plasticizer, drier, monobutyl tin oxide, FASCAT 4100, esterification catalyst, imported FASCAT 4100, silicone curing catalyst, CAS#2273-43-0, butyl stannic acid; butyl hydroxy tin oxide; oxidation Monobutyltin; Monobutyltin Hydroxide; Butyl Hydroxystannane; Butylenic Acid; n-Butyl Tin Oxide Hydroxide; Butylstannic Acid

English name: FASCAT4100, Butyltin oxide, BUTYLENESTANNONIC ACID; BUTYLTINHYDROXIDE-OXIDE; BUTYLTIN(IV) HYDROXIDE OXIDE; BUTYLSTANNOIC ACID; N-BUTYLSTANNOIC ACID; N-BUTYLTIN HYDROXIDE OXIDE; N-stann BUTYLTIN HYDROXIDE OXIDE;




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Physical and chemical properties:

Monobutyl tin oxide 4100

FASCAT 4100 series is a multi-purpose product of barreled white solid powder. As an esterification catalyst, it has thermal stability and hydrolysis resistance. The product is neutral and non-corrosive. After the reaction is completed, it does not need to be separated. It is used as a polyester The catalyst can form a stable decomposition system in the coating. At the same time, it is also an intermediate raw material for the synthesis of polyvinyl chloride stabilizers and organic silicon curing catalysts. FASCAT-4100-monobutyl tin oxide: Sn% \geq 56 CHF-4101, dibutyl tin oxide: Sn% \geq 48.2.

Molecular formula: BuSnOOH

Molecular weight: 208.81

CAS#2273-43-0

EC#218-880-1

Molecular formula C₄H₁₀O₂SN

Properties: White powder, insoluble in water and general solvents, but soluble in strong alkalis.

Specification: Tin content: 57.5 \pm 0.5%

Salt content: $\leq 0.05\%$

Iron content: $\leq 0.003\%$

Loss on drying: $\leq 1.0\%$

Melting point: Decompose directly at high temperature without dissolving.

FASCAT4100 catalyst is a solid, hydrolytically stable catalyst.

FASCAT 4100 catalyst mainly catalyzes esterification and polycondensation reactions at $210^{\circ}\text{C}\sim 240^{\circ}\text{C}$.

During the reaction process, FASCAT4100 catalyst begins to dissolve in the carboxylic acid at 80°C and integrates with the final product without affecting the quality of the product.

FASCAT4100 catalyst can be used at temperatures up to 250°C .

FASCAT4100 catalyst is neutral and non-corrosive.

advantage:

Compared with the reaction system without catalyst, FASCAT 4100 catalyst can greatly shorten the reaction period of esterification.

As only a lower reaction temperature is required, FASCAT4100 catalyst can reduce energy consumption.

FASCAT4100 catalyst can reduce side reactions to *, such as: dehydration and oxidative degradation of polyols (especially secondary alcohols)

FASCAT4100 catalyst can be mixed with other reactants in advance, no other special treatment is required, except to avoid moisture.

FASCAT4100 catalyst does not need to be neutralized or filtered at the end of the reaction.

use:

FASCAT4100 catalyst can be used for the synthesis of saturated polyester in powder coatings and coil coatings.

FASCAT 4100 catalyst can be used in the production of unsaturated polyester in gel coats, sheet molding compounds and casting applications.

FASCAT4100 catalyst can be used in the production of polymeric plasticizers.

Storage and transportation:

It should be sealed and stored in a dry, cool and ventilated warehouse.

package:

Packing: 25Kg cardboard drum.

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FAQ

Q1: May I get one sample before placing order?

Re: Yes, Sample are available. For normal products, samples are for free and you just need to bear the freight; For those high value products, you just need to freight and certain product cost. When we both cooperate for some times or when you are our VIP customer, free sample will be offered when you need.

Q2: Which payment is available for your company?

Re: T/T, L/C ,You can choose the one which is convenient for you.

Q3: How and when can I get my goods after payment?

Re: For small quantity products, they will be delivered to you by international courier(DHL, FedEx, TNT etc.)

or by air. Usually it will cost 3-5days that you can get the goods after delivery.For large quantity products, shipping by sea is worthwhile.It will cost days to weeks to come to your destination port, which depends on where the port is.

Q4: Is there any possible to use my appointed label or package?

Re: Yes. If needed, we'd like to use label or package according to your requirement.

Q5: How can you guarantee the goods you offer is qualified?

Re: We always believe honesty and responsibility are basis of one company, so whatever products we provide for you all are qualified.