

FASCAT9201 Dibutyltin oxide (Food Grade) CAS 818-08-6

Overview:

Chinese name: FASCAT9201 catalyst, dibutyltin oxide (food grade)

Alias: FASCAT9201 catalyst, dibutyltin oxide (food grade)

English name: FASCAT9201,

Alias: Dibutyloxotin

CAS:818-08-6

Molecular formula: C₈H₁₈O₂Sn

Molecular weight: 248.94

CAS registration number: 818-08-6

EINECS Accession Number: 212-449-1

physical and chemical properties

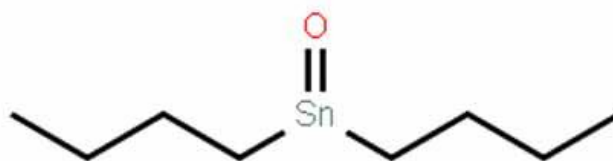
Melting point: 300°C

Water solubility: 4.0MG/L (20°C)

Description: White to slightly yellow powder. Melting point >300° C, water solubility 4.0mg/L (20° C). Soluble in hydrochloric acid, insoluble in water and organic solvents.

Physical and chemical properties:

Amorphous white solid,



FASCAT9201 催化剂

FASCAT9201 catalyst



Product application: used as a catalyst for esterification and polymerization.

Production methods and others: There are two main industrial methods:

1. The Grignard method uses chlorobutane or bromobutane as raw materials, and makes tetrabutyltin through Grignard reaction, and the latter reacts with tin tetrachloride to form dibutyltin dichloride. Dibutyltin dichloride is treated with caustic soda to obtain dibutyltin oxide. Grignard method has more complicated steps, but less side reactions and high product purity.

2. Direct methods include iodoalkane method, bromoalkane method and chloroalkane method, among which the iodoalkane method is the most commonly used, the direct method process is simple, but has many side reactions, poor product quality, and consumes relatively expensive iodine.

use:

High temperature transesterification for the production of coating resins
For the preparation of alkyd resins

Storage and transportation:

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

Package:

Packing: 25Kg cardboard drum.

Contact Us

SHANGHAI OHANS CO., LTD.

Factory Address : Jining High-tech Development Zone, Shandong, China

Call Center : 021-5161-9971

Web Site: www.tinchem.org

Headquarters : Room a2110, building 55, No. 709, Lingshi Road, Zhabei District,
Shanghai

Email Us : honda@ohans.com candy@ohans.com