

FASCAT2003 Stannous bis(2-ethylhexanoate) Stannous octoate CAS 301-10-0

Overview:

Chinese name: stannous octoate

English name: **FASCAT2003** Stannous octoate, 2-ethyl-hexanoicacitin(2++) salt; STANNOUS 2-ETHYLHEXANOATE; STANNOUS 2-ETHYLHEXOATE; STANNOUS CAPRYLATE; Stannous octanoate; STANNOUS OCTOATE; TIN 2-ETHYL HEXANOATE; TIN 2-ETHYLHEXOATE

Related categories: Organotin; Organometallic reagents; Catalysts; Organic metal; Organic chemical raw materials; Biochemical reagents; Analytical pure; Organic chemical raw materials; Pharmaceutical raw materials; Additives; Organic-metal salt; metal carboxylate; curing agent

Stannous octoate (stannous octoate) is a basic catalyst for the production of polyurethane foam, a catalyst for room temperature curing silicone rubber, polyurethane rubber, and polyurethane coatings. Chemically unstable and easily oxidized.

Physical and chemical properties:

Molecular formula (Formula): C₁₆H₃₀O₄Sn

Molecular Weight: 405.10

CAS No: 301-10-0

Density 1.251

Main content of stannous: 28+/-0.50%

Main ingredients: Content: (calculated as stannous) about 22%, total tin about 23% EC.

Appearance and properties: white or yellow paste.

Relative density (water=1): 1.251

Flash point (°C): >110

Freezing point: -20°C

Viscosity (25°C): ≤380MPa·s

Refractive index: 1.492

Solubility: insoluble in water, soluble in petroleum ether, polyol

Corrosive: no corrosion

Toxicity: Toxic, with strong neurotoxicity, the allowable concentration in the air is 0.1mg/m³.

Other physical and chemical properties: 1.4933

- Pale yellow liquid
- Production of oleochemicals and silanol condensation reactions
- Urethane cross-linking
- Urethane foam gelling

Quality Index:

Appearance [1] Light yellow transparent liquid or yellowish brown paste

Chromaticity (platinum-cobalt color number) ≤6

The mass fraction of total tin ≥28.0%

Stannous content ≥27.25%

Foreign brands are Kosmos 29 (Germany), Nuocure (United States).

use:

for organic synthesis.

Stannous isooctoate is a white or yellowish-brown paste, sometimes referred to as stannous octoate. Soluble in petroleum ether, insoluble in water. It is the basic catalyst for the

production of polyurethane foam, mainly used for the gelation reaction of polyether-polyurethane foam, and can also be used as an anti-aging agent for urethane foam. Used as a catalyst for polyurethane synthesis and room temperature vulcanization of silicone rubber. It is also used as a catalyst-type curing agent for epoxy resins. Stannous octoate has higher catalytic activity than dibutyltin dilaurate during curing. If the two are used in combination, the effect is better than that of single use, and the reaction speed and curing speed can be taken into account. Since divalent tin compounds are easily oxidized and decomposed by oxygen and water vapor in the air, they must be used for nitrogen protection during storage and must be sealed to avoid high temperature and excessive humidity to prevent activity decline or failure.

Storage and transportation:

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

Package:

200KG/drum 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 the mixing of other substances such as moisture and affect the performance of the product. Store in a cool, dry place and keep container tightly closed to avoid contact with oxides. Do not breathe dust and avoid contact with skin and mucous membranes. Smoking, eating and drinking are prohibited in the workplace. After work, shower and change. Store contaminated clothing separately and wash before reuse. Practice good hygiene.

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