

Fomrez SUL-4 dibutyltin dilaurate Catalyst Momentive

Overview:

Dibutyltin dilaurate is an organotin additive that is soluble in organic solvents such as benzene, toluene, carbon tetrachloride, ethyl acetate, chloroform, acetone, petroleum ether and all industrial plasticizers, but insoluble in water. The high boiling point multi-purpose organotin catalysts on the market, dibutyltin dilaurate, are usually treated with special liquefaction, light yellow or colorless oily liquid at room temperature, white crystals at low temperature, can be used in PVC plastic additives, with excellent lubricity, transparency, weather resistance. Good resistance to sulfide pollution. It is used as stabilizer in soft transparent products, and as efficient lubricant in hard transparent products. It can also be used as catalyst for cross-linking reaction of acrylate rubber and carboxyl rubber, synthesis of polyurethane foam and polyester synthesis, catalyst for room temperature vulcanization of silicone rubber.

Product name: Dibutyltin dilaurate CAS 77-58-7 Fomrez SUL-4

Alias: Dibutyltin dilaurate; dibutyltin dodecanoate; dibutyltin dilaurate; dibutylbis(1-oxododecyloxy)tin; dibutyltin dilaurate; dibutyltin laurate; dibutyltin dilaurate; dibutyltin dilaurate

English name: Dibutyltin dilaurate

Product Code: DBTDL

Chinese name: dibutyltin dilaurate

CAS No. 77-58-7

Molecular formula $C_{32}H_{64}O_4Sn$

Linear molecular formula $(CH_3CH_2CH_2CH_2)_2Sn[OCO(CH_2)_{10}CH_3]_2$

Molecular weight: 631.57

MDL No.: MFCD00008963

Beilstein No. 4156980

EC No.: 201-039-8

UN No. 2922

1. English name: Dibutyltin dilaurate (DBTDL)

2. CAS No.: 77-58-7

3. Molecular formula: $C_{32}H_{64}O_4Sn$

Uses:

Light yellow or colorless liquid, white crystals at low temperature

- 1) Stabilizer and lubricant for PVC products. Soft transparent products or semi-soft products, and barium stearate, cadmium stearate and other metal soap or epoxy compounds and used with good lubricity, transparency, weather resistance, compatibility with plasticizers, no spray frost, no sulfide pollution, no adverse effects on heat bonding and printability. Such as: soft film, soft sheet, plastic shoes, hose and PVC conveyor belt. It can be used in hard products as organic tin with maleic acid or thiol system organic tin to improve the fluidity of resin material.
- 2) Used as catalyst and foam activator in polyurethane foam and silicone rubber synthesis material.

3) Used as a catalyst for synthesis in various adhesives.



Package

Packed in clean, dry, sealed and leak-free special plastic drums with a net weight of 20kg/25kg/180kg per drum.

Storage and transportation

When transporting Catalyst, it should be strictly protected from rain and staining, carefully and gently stored to prevent leakage from collision with hard objects. When storing Catalyst, it should be stored at room temperature in a ventilated and dry warehouse, avoiding humid environment, and the storage temperature should be kept below 25°C, avoiding sunlight as much as possible, and away from water and heat sources. To prevent moisture absorption and oxidation, it is recommended to fill the container with nitrogen.

Shelf life

Under proper storage conditions, the shelf life is 6 months from the date of manufacture, after which the product can be used after retesting.

Safety Information

Catalyst is somewhat toxic and should be rinsed with soapy water promptly after contact with skin. Staff can wear eye protection or safety glasses for the purpose of eye protection. Eye wash and drenching equipment should be provided near the workplace. When working in places where contact with the product is possible, attention should be paid to personal hygiene and the skin in contact with the product should be washed with washing products before eating, smoking and leaving the workplace.

Leak handling

Stop spills as much as possible while ensuring safety. If a minor spill is found, treat it with sand or other absorbent material and place it in a clean, dry container for subsequent disposal. If a large spill occurs, the spilled material should be collected for subsequent disposal. Avoid entering groundwater or surface water as the material is not readily biodegradable. All collected spilled material should be disposed of in accordance with local environmental regulations.

Disclaimers

The information and technical advice provided above has been obtained from our reliable sources, however, we make no express or implied warranties with respect to the data provided and make no promises herein. If our products are to be used, we recommend that they undergo a series of tests. The application, use, processing or production of products based on the technical information provided by us is beyond our control and therefore these responsibilities are the responsibility of the user. The condition and method of handling, storage, use or disposal of this product is beyond our control and may be beyond our knowledge, and in no event will we be liable for loss, damage or costs associated with the improper handling, storage, use or disposal of this chemical. For more information, please review the technical safety sheets for our products or contact our marketing services department.

Uses:

Promotes the reaction of hydroxyl functional groups with NCO

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Shelf life.

Keep unopened,two years

Storage and transportation:

Should be kept sealed and stored in a dry, cool and ventilated warehouse

Packaging:

200KG/drum Storage: It is recommended to store in dry and cool area with proper ventilation. Please fasten the lid as soon as possible after the original packaging to prevent the mixing of other substances such as water and other substances from affecting the product performance. Do not inhale dust and avoid skin and mucous membrane contact. Smoking, eating and drinking are prohibited in the workplace. After work, shower and change clothes. Store contaminated clothes separately and wash them before use. Maintain good hygiene habits.

Technical support and business contacts E-mail: info@newtopchem.com