



Methyltin Mercaptide DX-181

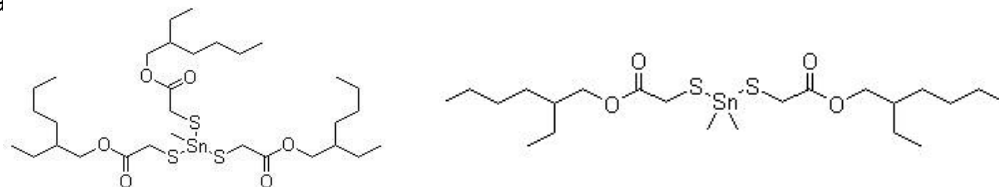
Item No.: DX-181

CAS: 57583-34-3 and 57583-35-4

Formula: $C_{31}H_{60}O_6S_3Sn$ and $C_{22}H_{44}O_4S_2Sn$

The mass ratio of Methyltin mercaptide and Dimethyltin mercaptide is around 25/75.

Structural formula



Technical specifications

Items	Specifications	Executive standards
Appearance	Clear transparent liquid	
Tin (%)	19.2±0.1	Iodometry
Tri methyltin content (ppm)	≤0.03	
Colority (Pt-Co)	≤50	GB/T1664
Density (25℃) g/cm ³	1.18±0.01	GB/T13216.5-1991
Viscosity (25℃) mPa.S	60-90	GB/T12008.8-1992

Product Performances:

Heat Stability: DX-181 has high efficient heat stability and excellent initial color stability.

Transparency: PVC products processed with DX-181 have superior transparency, pure color, little gas and no educt.

Process: The excellent high-temperature color stability and long-term dynamic stability provided by DX-181. Without fouling, the time of cleaning equipment is shortened. It is suitable for all kinds of process of flexible and rigid PVC, such as calendaring, extrusion, injection and blow molding, etc.

Use level: On the same condition, less Methyltin mercaptide compared with Butyl tin mercaptide or Octyl tin mercaptide can achieve the same effect.

Safety: The product of methyltin mercaptide has been approved by American FDA (21 CFR 178.2010) and certified by Germany BGA (IIA, 4C). It can be used in food packaging materials and water pipes etc. It's safe and reliable.

Applications

PVC film (thermal shrinking packaging film, printing film, calendared film, twisting film)

PVC sheet (clear flexible and rigid sheet, Christmas sheet, advertisement sheet, compound sheet)

PVC granule (granule, shell of electronic communication apparatus etc.)

PVC building and construction materials (water pipe and pipe fittings, chemical pipes, construction materials, profile etc.)

PVC medical apparatus (transfusion device, etc.), food packaging materials, daily-used appliances and others

User Notice

Package: Plastic iron drum or plastic drum, N.W.: 220kg/drum.

Transportation: The product is the heat stabilizer for processing PVC, non-inflammable and non-explosive materials.

Storage: Should be placed in cool and dry area with the storage temperature 5 - 30℃. The drum should be sealed immediately after use.

Safety: Avoid any contact with mouth, eyes and skin. In case of contact with skin, wash thoroughly with soap and water immediately. In case of contact with eyes or mouth, flush with water immediately and get medical attention. The work place should be ventilated so as to avoid inhaling evaporated gas directly in the production operation.

Environment: According to environment safety standards of American Occupational Safety & Health Administration (OSHA), including the standard of organic tin use for all the industries. TWA (eight hours average value) is 0.1mg/m³ (tin); short-time exposure value is 0.2mg/m³.

Guarantee period: 12 months