

## TIB KAT<sup>®</sup> 248

**TIB KAT 248** is a solid amorphous catalyst which is used mainly in esterification-, transesterification- and polycondensation-reactions.

**TIB KAT 248** can be used at temperatures of approx. 90 - 260°C. Low temperature-reactions, as e.g. the conversion of acrylates are catalysed as well as high temperature-reactions, as e.g. polyester or alkyd resin production.

For the application as ingredient of electrodeposition paint, **TIB KAT 248** is available in different particle-size distributions. **TIB KAT 248** is also well suitable for the transesterification of vinyl acetate or acrylic acid copolymers.

Furthermore, the catalyst can be applied in the production of polycarbonates.

Depending on the application **TIB KAT 248** is used in concentrations between 0.01 and 0.5%.

Product Data	
Chemical name	Dibutyltinoxide (DBTO)
Molecular weight	248.9 g/mol
CAS No.	818-08-6
Appearance	clear white solid
Decomposition point	> 210°C
Solubility	practically insoluble in water and organic solvents

### Specification

Tin content	≥ 47.0 %
Content of volatiles	≤ 0.5 %
Chloride content	≤ 0.2 %
Iron content	≤ 10 ppm

### Storage

**TIB KAT 248** can be stored for at least one year if kept closed in the original packaging.

### Packaging

25 kg fibre drum.

### Special advice for security

Information concerning

- classification and labelling according to the regulations governing transport and hazardous chemicals
- protective measures for storage and handling
- safety measures in case of accident and fire
- toxicity and ecological effects

is given in our material safety data sheet.

**Customs Tariff No.: 2931 9080**

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