

## TIB KAT<sup>®</sup> 160

**TIB KAT 160** is used as a catalyst in the production of organic esters, plasticizers and certain polyester resins.

**TIB KAT 160** possesses a high level of catalytic activity which leads to almost complete conversions with short reaction times at higher reaction temperatures (> 160°C). **TIB KAT 160** enables the production of light-coloured esters. Secondary reactions do hardly occur in comparison to acidic catalysts.

**TIB KAT 160** is not corrosive.

The quantities of **TIB KAT 160** generally used for esterification processes are between 0.01 and 0.2 per cent by weight.

Having finished the reaction, it is easy to remove **TIB KAT 160** by chemical treatment or adsorption with **TINEX<sup>®</sup>**-products.

### Product Data

Chemical formula	SnC <sub>2</sub> O <sub>4</sub>
CAS No.	814-94-8
Molecular weight	206.7 g/mol
Loss on drying	≤ 0.3 %
Chloride content	≤ 0.05 %
Sulphate content	≤ 0.03 %

### Specification

Total tin content	≥ 57.0 %
Tin (II) content	≥ 56.5 %

### Storage

**TIB KAT 160** can be stored for at least one year if kept closed in the original packaging.

### Packaging

25 kg drum,  
other packaging size upon request.

### 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.: 2917 1100**

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