

TIB KAT[®] 162

TK 162 is used as a catalyst in the production of polyesters and oleochemical-based esters. Further on, **TK 162** is used as an activator in the production of elastomers.

TK 162 can be used in the production of resins or polymer coating systems, which are used in food packaging. We recommend a use-level of 0.01 - 0.20 per cent by weight.

TK 162 is soluble in water and a number of non-aqueous polar solvents. During the esterification process, **TK 162** minimises the dehydration of alcohols and avoids odours and discolouration of the products which can be formed by possible by-products.

It is important to know that **TK 162** quickly adsorbs humidity because of its hygroscopic nature. The catalyst can be removed from the ester by chemical methods (hydrolysis) and by adsorption with **TIB TINEX[®]**-products.

Product data	
Chemical formula	SnCl ₂
CAS No.	7772-99-8
Molecular weight	189.7 g/mol
State of aggregation	solid
Melting point	246°C
Solubility	- soluble in water, alcohols (C ₁ to C ₃), low-boiling aldehydes and ketones - insoluble in non-polar aliphatic and aromatic solvents

Specification

Total tin content	≥ 62 %
Tin (II) content	≥ 61.7 %
Density (20°C)	3.9 g/cm ³

Storage

TK 162 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.: 2827 3910

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