



## TIB KAT 519

### Description

*TIB KAT 519* is a semi-solid liquid catalyst based on an organo-titanate chelate.

*TIB KAT 519* can be applied mainly for the curing of silicones, silanes and silane terminated polymer systems, especially for:

- 📦 MS / STP / STPU polymer systems
- 📦 curing of RTV-silicones

*TIB KAT 519* is sensitive to moisture and therefore contact has to be minimized. At higher humidity weather conditions hydrolyses can be occur and leads to decreasing flash points.

### Product Data

Chemical Name	Di(isopropoxy)-bis-(ethylacetoacetato)titanate
CAS No.	27858-32-8
Molecular weight	424.31 g/mol
Aggregation state	semi-solid / liquid due to crystallization around RT

### Specification

Ti content	≥ 17.5 %
Density (20°C)	1.050 – 1.150 g/cm <sup>3</sup>

### Storage

*TIB KAT 519* can be stored at least six months from date of delivery if kept closed in the original packaging at ambient temperature and in a dry place protected against temperature raise and excessive of humidity. Inertisation of once opened drums with nitrogen is recommended. *TIB KAT 519* tends to crystallize at lower temperature storage but easily re-dissolved by warming up and agitation.

### Packaging

25 kg pail, 200 kg drum, 1000 kg IBC,  
other packaging size upon request.

### Packaging

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.: 2931 9080**



## TIB KAT 519

### Product Carbon Footprint (PCF)

Created by: KlimAktiv Consulting GmbH

PCF-results (emissions)	Value (Mannheim)	Value (Pittsburgh)	Unit
<b>Sum of PCFs (Cradle-to-gate)</b>	-	-	kg CO <sub>2</sub> eq/kg
<b>PCF excluding biogenic emissions</b>	-	-	kg CO <sub>2</sub> eq/kg
<b>Biogenic emissions</b>	-	-	kg CO <sub>2</sub> eq/kg

The Product Carbon Footprint (PCF) covers one of several environmental impacts of chemical products. The PCF does not allow comprehensive conclusions about the overall environmental performance of the product. Comparisons of PCFs from different data sources are only possible to a limited extent. The PCF presented here applies to the product sold by TIB Chemicals.

The PCF is based on data of the accounting year 2024 and follows the calculation method outlined in ISO 14067, the Tfs Guideline, the BASF Guideline, the cradle-to-gate system boundaries, the declared unit kg CO<sub>2</sub>e/kg product (excl. packaging) and the sum of different emissions from Scope 1, 2 and 3 (raw material and preliminary products (e.g. secondary data), transportation of purchased products and inbound logistics, as well as company- and site-specific processes including primary energy consumption, electricity and heat consumption). The emissions from biogenic carbon and land-use changes are considered as far as data sources are available.