



## TIB KAT 816

### Description

*TIB KAT 816* (Zirconium octoate), also known as Zirconium 2-ethylhexanoate, is a liquid catalyst formulation based on zirconium and 2-ethylhexanoic acid. *TIB KAT 816* is formulated with excess acid compared to *TIB KAT 824*.

*TIB KAT 816* can be used as a catalyst in crosslinking of polyurethanes or as a dryer in various coating systems.

### Product Data

Chemical name	Zirconium octoate
CAS No.	22464-99-9
Molecular weight	668.10 g/mol
State of aggregation	liquid

### Specification

Zr content	≥ 14.5 %
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### Storage

*TIB KAT 816* hydrolyses in contact with water. It can be stored at least one year if kept closed in the original packaging.

### Packaging

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

### Packaging USA

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.: 3815 9090**



## TIB KAT 816

### 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.