



TIB KAT 635

Description

TIB KAT 635 (zinc acetate) a solid zinc based catalyst which is used for numerous applications.

Catalytical applications are:

- 📦 esterification catalyst for oleochemicals
- 📦 condensation catalyst for polyester resins

Depending on the application *TIB KAT 635* is used in concentrations between 0.01 and 0.5 %.

Additionally the product is used for:

- 📦 raw material for manufacturing ZnO via sol gel process
- 📦 raw material for wood treatment formulations
- 📦 pharmaceutical ingredient
- 📦 micronutrient for animal feeds
- 📦 raw material for other zinc chemicals

Product Data

Chemical Name	Zinc acetate
Molecular weight	183.46 g/mol
CAS No.	557-34-6
State of aggregation	white powder

Specification

Purity	min. 95.0 %
Zinc content	≥ 33.0 %
pH (5% in water)	6.0 – 8.0

Storage

TIB KAT 635 can be stored for at least 1 year if kept closed in the original packaging.

Packaging

25 kg paper bag,

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.: 2915 2900



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Product Carbon Footprint (PCF)

Created by: KlimAktiv Consulting GmbH

PCF-results (emissions)	Value (Mannheim)	Value (Pittsburgh)	Unit
Sum of PCFs (Cradle-to-gate)	-	-	kg CO ₂ eq/kg
PCF excluding biogenic emissions	-	-	kg CO ₂ eq/kg
Biogenic emissions	-	-	kg CO ₂ 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 CO₂e/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.