



TIB Zinc Acetate

Product description

TIB Zinc Acetate is the Zinc salt of acetic acid salt. TIB Zinc Acetate finds use as a solid zinc based catalyst.

TIB Zinc Acetate's catalytical applications are:

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

TIB Zinc Acetate is additionally used for:

- ❖ manufacturing of ZnO via sole/gel process
- ❖ raw material for wood treatment formulations
- ❖ pharmaceutical ingredient
- ❖ micronutrient for animal feeds
- ❖ raw material for other zinc chemicals

Product data

Chemical formula	Zn(CH ₃ COO) ₂
Molecular weight	183.46 g/mol
CAS number	557-34-6
EINECS number	209-170-2

Physical Properties

Purity	min. 95.0 %
Zinc content	≥ 33 %
Appearance	White free flowing powder
Odour	Slightly Vinegary
Bulk density	Ca. 500kg / m ³
pH (5% solution in H ₂ O)	6-8

Solubility in H ₂ O	Ca. 430 g/L
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Packaging

20 kg Paper bags with plastic inner folia

Storage

TIB Zinc Acetate has a shelf life of approximately 12 months if stored in sealed containers in a cool dry place.

Special advise for Security

Suitable protective clothing should be worn when handling the product for further information refer to the relevant MSDS

Customs Tariff No.: 29152900



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Product Carbon Footprint (PCF)

Created by: KlimAktiv Consulting GmbH

PCF-results (emissions)	Value	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.