TIBCHEMICALS

TIB KAT 520

Description

TIB KAT 520 is a liquid catalyst formulation based on titanium and acetylacetone.

TIB KAT 520 can be applied for the curing of silicones, silanes and silane terminated polymers.

Product Data

Chemical Name	Diisopropoxytitanium diacetylacetonate
CAS No.	17927-72-9
Molecular weight	364.26 g/mol
State of aggregation	liquid

Specification (experimental product under development)

Ti content	~9.5 %

Storage

TIB KAT 520 can be stored for at least one year if kept closed in the original packaging. The product may hydrolyze in contact with water or humidity. Inertisation of once opened drums with nitrogen is recommended.

Packaging

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

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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_2eq/kg
PCF excluding biogenic emissions	-	-	kg CO_2eq/kg
Biogenic emissions	-	-	kg CO_2eq/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.

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