



TIB KAT K25

Description

TIB KAT K25 is a proprietary potassium-based catalyst formulation which can be used as a catalyst in following applications:

- 📦 curing of MS-polymers
- 📦 manufacturing of polyisocyanurates
- 📦 crosslinking of maleic anhydride containing polymers with polyols
- 📦 cocatalyst for polymers with polyols

TIB KAT K25 shows a high compatibility and miscibility with low polar reaction partners due to its special composition. It is highly viscous and is also available in different formulations of lower viscosity.

The dosage of *TIB KAT K25* depends on the application and is typically between 1-5 %.

Product Data

Chemical Name	Potassium-based formulation
CAS No.	proprietary
Molecular weight	proprietary
State of aggregation	liquid

Specification

K-content	8.8 – 9.6 %
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Storage

TIB KAT K25 can be stored at room temperature in original sealed packaging for at least 12 months.

Packaging

25 kg pail, 200 kg drum, 1000 kg IBC, 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 K25

Product Carbon Footprint (PCF)

Created by: KlimAktiv Consulting GmbH

PCF-results (emissions)	Value (Mannheim)	Value (Pittsburgh)	Unit
Sum of PCFs (Cradle-to-gate)	5,06	-	kg CO ₂ eq/kg
PCF excluding biogenic emissions	5,06	-	kg CO ₂ eq/kg
Biogenic emissions	7,93E-03	-	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.