



TIB KAT MP

Description

TIB KAT MP is a formulation based on methane sulfonic acid and selected amine components to form a blocked acid catalyst.

TIB KAT MP is an excellent catalyst providing high efficiency in crosslinking of baking enamels. The catalyst is significantly more active than traditional p-toluenesulfonic acid based products. The catalyst content can be reduced in the coatings formulation compared to other products.

TIB KAT MP provides longer pot life compared to *TIB KAT MSA*.

The dosage of *TIB KAT MP* is depending on the application between 0.5 - 2.5 %.

Product Data

Chemical Name	Amine-blocked methanesulfonic acid formulation
CAS No.	75-75-2
State of aggregation	Liquid

Specification

Color (Gardner)	≤ 1.0
Refract. Index (20°C)	1.430 – 1.445
Acid value	355 - 380 mg KOH/g

Storage

TIB KAT MP has a shelf life of 1 year, if stored correctly in its original closed packaging at room temperature. Sensitivity to frost has to be noted.

Exposure of the solution to the atmosphere or light may result in a slight yellow discoloration of the product.

Packaging

25 kg pail, 50 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.: 2904 1000



TIB KAT MP

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.