



TIB KAT 225

Description

TIB KAT 225 (Tetrabutyl-dilauryldistannoxane) is a special distannoxane-based catalyst with unique properties. It can be used in various polyurethane reactions as well as in Silicone and Silane condensation reactions.

TIB KAT 225 is especially advantageous over other types of DBTL, because it contains a significantly higher tin content, providing higher catalytical activity.

TIB KAT 225 is less sensitive to moisture than other types of DBTL.

Product Data

| | |
|----------------------|---------------------------------|
| Chemical Name | Tetrabutyl-dilauryldistannoxane |
| CAS No. | 3669-02-1 |
| Molecular weight | 880.50 g/mol |
| State of aggregation | Liquid |

Specification

| | |
|------------------|---------------------------------|
| Tin content | 25.0 – 27.0 % |
| Colour (Gardner) | ≤ 5.0 |
| Density | 1.130 – 1.160 g/cm ³ |

Storage

TIB KAT 225 can be stored at least one year if kept closed in the original packaging. Sensitive to frost.

Packaging

25 kg pail, 50 kg pail, 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.: 2931 9000



TIB KAT 225

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.