



TIB KAT 233S

Description

TIB KAT 233S is a modified grade of dibutyl tin diacetate, *TIB KAT 233*. It is applicable for following purposes:

- 📦 catalyst for manufacturing of polyurethanes
- 📦 catalyst for transesterification reactions
- 📦 catalyst for condensation reactions of RTV- silicone resins and of silanes
- 📦 catalyst for transesterification of polyacrylates.

TIB KAT 233S is slightly sensitive to moisture. In comparison to DBTA (*TIB KAT 233*) this compound shows higher catalytical activity in different application.

Product Data

Chemical description	Modified Dibutyltindiacetate
CAS No. (catalyst)	1067-33-0
Appearance	clear liquid

Specification

Tin content	32.5 – 34.0 %
Colour (Gardner)	≤ 5
Density (20°C)	1.25 – 1.40 g/cm ³
Refractive index (20°C)	1.4650 – 1.4750
Viscosity (20°C)	10 – 30 mPa.s

Storage

TIB KAT 233S can be stored for at least one year if kept closed in the original packaging. Sensitive to frost and slightly sensitive to moisture.

Packaging

25 kg pail, 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 233S

Product Carbon Footprint (PCF)

Created by: KlimAktiv Consulting GmbH

PCF-results (emissions)	Value (Mannheim)	Value (Pittsburgh)	Unit
Sum of PCFs (Cradle-to-gate)	15,3	-	kg CO ₂ eq/kg
PCF excluding biogenic emissions	15,3	-	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.