



## TIB KAT 710

### Description

*TIB KAT 710* (Bismuth Neodecanoate) is an effective, low viscosity/low metal content catalyst formulation for use in various polyurethane applications. *TIB KAT 710* is a bismuth catalyst that gives a good balance in front and back reactivity with lower viscosity than standard *TIB KAT 710*. *TIB KAT 710* is good a non-tin alternative to DBTL for various polyurethane applications including: coatings, adhesive/sealants, elastomers and foams.

### Product Data

Chemical Name	Bismuth neodecanoate formulation
CAS	34364-26-6
Molecular weight	722.75 g/mol
State of aggregation	clear liquid

### Specification

Bismuth content	8.0 – 12.0 %
Density (20°C)	0.9- 1.2 g/cm <sup>3</sup>
Colour (Gardner)	≤ 5
Viscosity (20°C)	≤ 300

### Storage

*TIB KAT 710* can be stored for at least one year if kept closed in the original packaging at moderate temperatures. The container should be closed tightly after each use to maximize shelf life.

### Packaging

Packaging size upon request.

### Packaging USA

440 lb (200 kg) steel drum,  
other 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 710

### Product Carbon Footprint (PCF)

Created by: KlimAktiv Consulting GmbH

PCF-results (emissions)	Value (Mannheim)	Value (Pittsburgh)	Unit
<b>Sum of PCFs (Cradle-to-gate)</b>	-	-	kg CO <sub>2</sub> eq/kg
<b>PCF excluding biogenic emissions</b>	-	-	kg CO <sub>2</sub> eq/kg
<b>Biogenic emissions</b>	-	-	kg CO <sub>2</sub> 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 CO<sub>2</sub>e/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.