



## TIB IS CRA AOA-2

### Description

*TIB IS CRA AOA-2* is a special hypophosphorous acid based antioxidant suitable to reduce color formation in alkyd or polyester resin production.

Depending on the application, *TIB IS CRA AOA-2* is used in concentrations between 0.01 and 0.1 %.

### Product Data

Chemical Name	Hypophosphorous acid based antioxidant
CAS No.	6303-21-5
State of aggregation	liquid.
Viscosity	< 100 mPa*s

### Specification

Content of active matter	≥ 48,5 %
Density (20 °C)	1.15 - 1.28 g/cm <sup>3</sup>
Color (APHA)	< 100

### Storage

*TIB IS CRA AOA-2* can be stored at least one year if kept closed in the original packaging. Sensitive to frost.

### Packaging

50 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.: 2911 1980**



## TIB IS CRA AOA-2

### 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.