



## TIB Stanno Plus

**TIB Stanno Plus** is a liquid additive for electrolytic colouring of anodized aluminium in baths containing stannous sulfate. **TIB Stanno Plus** stabilizes the tin(II)-content and increases the throwing power.

### Product Data

Commercial name	TIB Stanno Plus
Density	1.2 g/cm <sup>3</sup> (20°C = 293 K) approx.
PH value 100 %	1.0 approx.
Solubility	miscible in water and most acids; decomposes in alkali hydroxide solutions
Delivery form	aqueous solution
Colour	reddish brown

### Composition

**TIB Stanno Plus** is free of phenol, catechol, phenol sulphonic and cresol sulphonic-/cresol sulphuric acids. It is odourless and does not contain any substance undesirable in effluent. **TIB Stanno Plus** is composed of organic acids and metal salts.

### Specification

TIB Stanno Plus	99.9 % min.
other elements	< 0.1 %

### Application

#### Anodising Industry

- ◆ Additive for the stabilization of tin(II)-content and for even and intensive electrolytic colouring of anodizing aluminium

**TIB Stanno Plus** can be added either to newly installed electrolytic baths or to those already in use.

### Storage

if stored correctly in dry areas at room temperature and in original closed packaging, **TIB Stanno Plus** has a shelf life of 12 months minimum. It should be protected against frost. In case of frozen material, it can be prepared for use again by slow heating and stirring.

### Packaging

Standard packaging		
plastic can		
volume [l]		30
gross/net [kg]		37.5/36
protected plastic container on pallet		
volume [l]		1.000
gross/net [kg]		1.083,5/1.000

### Special advices 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 sheets.

### Customs Tariff Number

3810 1000