



## Product Information

# TIB Clean H 500

Product number 303686

# TIBCHEMICALS

### PRODUCT DESCRIPTION

**TIB Clean H 500** is a concentrated degreasing additive based on a mix of Inorganic acids, special Surfactants and Inhibitors for use in the Galvanising industry.

**TIB Clean H 500** is operated at low concentrations, to produce an extremely effective cleaning solution, which efficiently removes a wide range of oils that are commonly found on steel.

**TIB Clean H 500** is extremely economical – it has a long bath life & reduced energy costs due to a low operating temperature of 20-35°C

**TIB Clean H 500** requires no rinsing before pickling and can reduce the pickling time in subsequent baths

### FEUTURES AND BENEFITS

- ◆ Removes a wide range of oils
- ◆ Concentrated Liquid
- ◆ Easy handling
- ◆ Low operating concentration
- ◆ Low operating Temperature

### PHYSICAL PROPERTIES

Appearance	Clear liquid
Density	1,4 g/ml
pH	1-2
Solubility	Fully miscible

### PACKAGING

- ◆ 1000 L IBC of 1300 kg
- ◆ 1000 L IBS of 1200 kg

### STORAGE

**TIB Clean H 500** has a shelf life of approximately 1 year in sealed containers. The temperature should not be allowed to drop below 0°C or the solution can separate and precipitate.

### CUSTOMS TARIFF NUMBER

38101000

### APPLICATION INFORMATION

#### Typical operating parameters

<b>TIB Clean H 500</b>	1.0 – 4.0 %v/v Optimum 3.0%v/v (30 g/l)
Temperature	20 - 35 °C
Time (typically)	10 min

#### Initial composition of a new tank (suggested)

<b>TIB Clean H 500</b>	3.0 %v/v (30 g/l)
------------------------	-------------------

#### Testing and control

It is recommended that the pH and free acid is tested regularly. For the appropriate methods please refer to **TIB's analytical methods for Hot-dip Galvanisers**.

#### Additions

The concentration of **TIB Clean H500** should be maintained as stable as possible. It is preferable to test the acid levels and adjust the additions accordingly **TIB Clean H 500** can be used in conjunction with **TIB Clean H 501** if required. Please refer to the PDS from **TIB Clean H501** for more information

### HANDLING, HEALTH AND SAFETY

Suitable protective clothing should be worn when handling the product for further information refer to the relevant MSDS