



## Product Information

# TIB Finish CH06

Product number 303278

# TIBCHEMICALS

### PRODUCT DESCRIPTION

**TIB Finish CH06** is Chromium / polymer passivator that when added to a water quench tank imparts a clear passivation layer that inhibits the formation of white rust for up to 6 months.

**TIB FIN CH06** forms a coating that can be over painted. It is recommended to test for paint compatibility initially.

### FEATURES AND BENEFITS

- Readily soluble.
- Ease of dosing.
- Forms a protective layer.
- Stops the formation of white rust up to 6 months.
- Clear coating formed.

### PROPERTIES

Density	g/ml
Appearance	Dark green liquid
pH in solution	5
Solubility	easily soluble in water
Composition	Contains Hexavalent Chromium
Others	Corrosive; Poisonous

### PACKAGING

- ◆ 20 L Canisters of 27 kg
- ◆ 25 L canisters of 35 kg
- ◆ Barrels of 297 kg

### STORAGE

**TIB Finish CH06** has a shelf life of approximately 1 year if stored in sealed containers in a cool dry place

### CUSTOMS TARIFF NUMBER

32091000

### APPLICATION INFORMATION

#### Typical Operating Parameters

Type of work:	HDG	Coil
Concentration	0.05-0.15 % v/v	3.0-5.0 % v/v
Temperature	20-100 °C	30-60 °C
Time	1-3 mins	1-3 seconds

#### Initial composition of a new tank (suggested) per 1m<sup>3</sup>

Type of work	HDG	Coil
<b>TIB Finish CH06</b>	1 L	30 L

#### Testing and Control

1. Take a 50 ml sample representative of the bath and transfer to a 250ml conical flask.
2. Add 10ml of 10%v/v sulphuric acid.
3. Add 1 gram of potassium Iodide crystals and swirl flask to dissolve. A red coloured solution should develop.
4. Titrate with 0.1N Sodium Thiosulphate to a clear blue / green end point.
5. Record the number of mls of 0.1N Sodium Thiosulphate used as T1.

#### Calculation:

$$T1 \times 0.036 = \%v/v \text{ TIB Finish CH06}$$

#### Additions

The replenishment of **TIB Finish CH06** should be carried out when the concentration sinks below 0.1% or 3% respective of the type of work being carried out

### HANDLING, HEALTH AND SAFETY

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