

## **BORRON® ST – Sequestrant for binding troublesome heavy metal and alkaline earth ions**

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### **Features**

**BORRON® ST** is based on the tetrasodium salt of ethylene diamine tetraacetic acid.

**BORRON® ST** is active in the acid, neutral and highly alkaline pH range.

#### **Stability to electrolytes:**

Very good.

#### **Handling & storage:**

Wear gloves and goggles during handling. CLOSE SACK TIGHTLY AFTER USE AND STORE IN A DRY PLACE.

Can be stored for about 3 years (from date of production) if kept in a dry place.

### **Benefits**

**BORRON® ST** shows good binding power towards calcium and iron ions and prevents the formation of lime blast, calcium sulphate and iron stains.

**BORRON® ST** can be used for softening water, thus gives a cleaner surface on vegetable-tanned leathers.

**BORRON® ST** has a pronounced levelling effect in the dyeing due to water softening action.

### **Application**

#### **Lime blast / lime stains / calcium sulphate stains:**

To prevent lime blast, 0.1 - 0.3 % **BORRON® ST** (on salted weight) is added to the last wash water after liming and/or 0.1 - 0.3 % **BORRON® ST** (on pelt weight) at the start of deliming.

#### **Iron stains in the vegetable tannage:**

To prevent iron stains, 0.3 - 1.0 % **BORRON® ST** (on pelt weight) is added to the tanning liquor prior to the hides.

#### **Levelling effect on the dyeing:**

For good levelling effect 0.2 - 0.4 % **BORRON® ST** (on shaved weight) is added prior to the dyeing bath.

#### **Softening water:**

0.10 g/l **BORRON® ST** is used per degree German hardness (°dH)

0.08 g/l **BORRON® ST** is used per degree English hardness (°eH)

0.06 g/l **BORRON® ST** is used per degree French hardness (°fH)

## **BORRON<sup>®</sup> ST - Product characteristics**

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<b>Trade form at 20°C</b>	powder
<b>Appearance at 20°C</b>	white powder
<b>pH – value (50 g/l)</b>	approx. 11.5

This information is for guidance only.  
A Product Specification is available on request.