

## **Ekaline<sup>®</sup> F Liquid**

### **Ekaline F Liquid as Foam-forming Addition to the Anodizing Bath**

#### **1. Summary**

**Ekaline F Liquid** can be applied very economically as a foam-forming addition to the anodizing bath.

#### **2. General**

During anodic oxidation with sulphuric acid as electrolyte, corrosive acid fumes will form which are injurious to health. If **Ekaline F Liquid** is added to the anodizing bath, it forms an extremely fine, dense foam cover which largely prevents the emission of spray fumes and also practically eliminates the familiar explosions of oxyhydrogen gas. All impurities contained in the anodising bath adhere to the foam and can be skimmed off easily with the latter. Consequently, the bath always remains absolutely clean and keeps longer. Moreover, **Ekaline F Liquid** promotes a steady course of oxidation and is therefore used to advantage even when anodizing in vats fitted with fume extraction.

#### **3. Application**

**Ekaline F Liquid** is largely resistant to acids and alkalis. It can be added directly to the anodizing bath. The dosage should be measured so that a foam cover of 2 – 3 cm thickness is produced.

When preparing a fresh bath, as a rule, one adds about 0.05 g/l or 50 g/m<sup>3</sup> **Ekaline F Liquid** to sulphuric acid electrolytes.

If the foam formation diminishes, it usually suffices to add about one quarter of the original dosage.

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