

## **TECHNICAL BULLETIN**

### ***MA-LUBE C***

code : 05748

***MA-LUBE C*** is a highly effective foam free crease preventing agent and lubricant for the dyeing of cellulosic, wool and synthetic fibers and their blends with all dyestuff classes in all types of dyeing equipment.

#### **Typical Properties**

<b>Chemical Nature</b>	:	Polycarboxylic acid derivative
<b>Ionic Activity</b>	:	Nonionic
<b>Appearance</b>	:	Translucent colourless liquid
<b>pH (As Is)</b>	:	4.5 - 8.5
<b>Solubility</b>	:	Soluble in cold or warm water
<b>Stability</b>	:	High acid, alkali and electrolyte stability

#### **Advantages**

***MA-LUBE C***, being non-substantive, remains in the dyebath and forms an interface between the fabric and the dye liquor. This gives the goods smoothness and flexibility during the dyeing process, preventing crack marks, fold and crease marks, as well as chafing and crows feet. Color depth and tone are not impaired by ***MA-LUBE C***.

***MA-LUBE C*** permits foam free processing in dyeing plants having high speed circulation of goods or liquor, thus, it is excellently suited for the dyeing on jet dyeing machines.

#### **Advantages** (cont'd)

On account of its low fiber/fiber and fiber/metal friction, ***MA-LUBE C*** prevents mechanical abrasion damage.

**MA-LUBE C** permits dyeing below maximum poundage without sewing in tubular form.

Woollen goods are less prone to felting when **MA-LUBE C** is used in the wet processing. Hank dyed wool and acrylic high bulk yarn are given improved rewinding and unwinding properties.

During the dyeing of cellulosic fiber with direct, vat and reactive dyestuffs, **MA-LUBE C** causes no dyestuff retarding or change of shade.

As a nonionic product, **MA-LUBE C** is compatible with any anionic and cationic dyestuffs and auxiliaries. **MA-LUBE C** is resistant to high temperatures and has no levelling or dispersing effect.

### **Applications**

**MA-LUBE C** is added to the dyebaths diluted with cold water. Subsequently, further chemicals and dyestuffs are added.

The amounts suggested are :

0.2 - 0.4 g/l **MA-LUBE C**

The dyeing processes are carried out as usual.

Extended periods of treatment during stripping or topping of sensitive qualities often gives rise to a negative appearance of goods. In such cases, **MA-LUBE C** permits remarkable improvement on account of its smoothness and flexibility.