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## SUBITOL HPM

<b>Character</b>	Wetting agent for mercerising and caustic treatment
<b>Chemical character</b>	Preparation based on alkyl sulphate
<b>Appearance</b>	Clear, light yellow liquid
<b>Ionic character</b>	Anionic
<b>pH-value</b>	10.5 – 11.5
<b>Specific weight at 20 °C</b>	1.0 g/cm <sup>3</sup>
<b>Stabilities</b>	Like all wetting agents for the mercerizing process, SUBITOL HPM has a very good stability to electrolytes (also to hardeners and salts).  The product is not sensitive to frost.
<b>Storage</b>	If stored properly in closed original containers, it will hold for 12 months.

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The above given values are product describing data. Please consult the 'delivery specification' for binding product specifications. Further data about product properties, toxicological, ecological data as well as data relevant to safety can be found in the safety data sheet.

### Properties

SUBITOL HPM is a low-foaming wetting agent for mercerising and caustic treatment. It develops its wetting effect in NaOH 23 - 33 °Be'. Lower caustic soda concentrations decrease the wetting properties proportionally to the caustic soda concentration.

The product does not cause any disturbing effects during caustic soda recycling by evaporation.

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### Application technique

#### Diluting instruction

SUBITOL HPM is prediluted in water or it can be added directly to the mercerisation treatment bath. Distribution of the product in the caustic soda should be done by briefly circulating or stirring.

If a caustic soda stronger than 38 °Bé is used to feed the mercerising liquor, SUBITOL HPM should be added only to the ready for use caustic bath to avoid precipitations of the product in the concentrated feeding liquor.

## **Application fields**

SUBITOL HPM can be applied for conventional mercerisation and hot mercerisation of wovens, knitwear and yarns. Due to the high wetting capacity, SUBITOL HPM can also be used for greige mercerisation as well as for mercerisation of pretreated fabrics.

Due to high alkali stability SUBITOL HPM is also suitable for caustification step  $>12^{\circ}$  Be´ for Denim yarn.

## **Application proposal**

The application quantities are adapted to the material which has to be mercerised. The application amounts vary depending on the greige goods or the pretreated material.

Mercerisation of greige goods:

4.0 – 6.0 g/l SUBITOL HPM

Mercerisation on pretreated material:

1.0 – 3.0 g/l SUBITOL HPM

Caustification of denim yarn

4.0 – 6.0 g/l SUBITOL HPM

**We reserve the right to modify the product and technical leaflet.**

**Our department for applied technique is always at your service for further information and advice.**

Our technical advice and recommendations given verbally, in writing or by trials are believed to be correct. They are neither binding with regard to possible rights of third parties nor do they exempt you from your task of examining the suitability of our products for the intended use. We cannot accept any responsibility for application and processing methods which are beyond our control.

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**CHT Germany GmbH**

**Postfach 12 80, 72002 Tübingen, Bismarckstraße 102, 72072 Tübingen, Germany**

**Telephone: 07071/154-0, Fax: 07071/154-290, Email: [info@cht.com](mailto:info@cht.com), Homepage: [www.cht.com](http://www.cht.com)**