



MEHS Chem Industry

Constructing better tomorrow

MEHS JE 9000

Non Ionic detergent for Textile and Emulsifying agent for Jute Industry

Description

MEHS JE 9000 is a Non-ionic detergent and wetting, dispersing for textile industries and emulsifying agent for Jute industry and for other application.

MEHS JE 9000 is highly concentrated and is suitable for the washing of textiles of all types. It ensures its optimum efficiency at medium to fairly high temperature and its independent of the pH at these temperatures. At temperatures below 60° c it develops goods detergency in acid medium only.

Nature

Nature: Alkyl phenol reacted with 7-10 mol ethylene oxide: 100%

Technical Data

Color : Clear- Colorless

Form : Liquid

Viscosity (DIN 53921) : 350 mpa (20° C)

Setting point (DIN ISO 2207) : 5°C

Density : 1.04 g/cm3 (20°C)

Solubility : It dissolves readily on stirring in to cold or warm water. They are pump able in undiluted state or after dilution with more than 3 parts water.

Reaction : pH 5-8 (1%).

Cloud point (DIN 53917): 100:60°C in water (1%).

Stability : The products are stable to water-hardening water- hardening substances, acids and alkalis.

Foam Formation (DIN 53902): 600 cm3 (Medium foam formation).

Eliminability : Good (>80% BIAS, OECD method).

MEHS JE 9000 is recommended for washing textiles of all types at temperatures above 60°C and also for boiling off and kier boiling. In view of its good dispersing capacity MEHS JE 9000 is particularly suitable for soaping dyed and printed goods. It is often used as wetting agent and detergent in bleaching liquors.

Application

Wool

Piece Washing

MEHS JE 9000 is eminently suitable for the washing of piece goods composed wholly or partly of wool. Here, too, it is customary to give an alkaline wash. For worsteds and for olein-oiled woolens the product is oiled woolens 0.5-1%. For washing in acid medium MEHS JE 9000 is used in the same quantities.

Stoving

The use of 0.1-0.25 g/l MEHS JE 9000 promotes uniform wetting of the goods and prevents the oils from being burnt into the fabric.

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Jute

MEHS JE 9000 is an excellent Emulsifier for making emulsion of Jute Batching Oil. At a dose of 0.2% to 0.5% MEHS JE 9000 will make an emulsion stable for 22-24 hours.

Cotton Wetting

MEHS JE 9000 effects rapid and uniform wetting of all fibrous materials. In enzymatic desizing processes, the addition of the product dose will not impede degradation of the starch.

Bleaching

MEHS JE 9000 is stable in oxidation and reduction bleach baths at normal concentrations. In particular it ensures good and even bleach effect. As the product has no affinity for the fiber, it is particularly useful in continuous boil-off and bleaching systems.

Quantities to be used: 0.5-2.5 g/l

After washing of dyed and printed goods in view of its good detergency and dye suspending power, MEHS JE 9000 is eminently suitable for the soaping of dyed and printed goods.

Man-Made Fibers

In the processing of man-made fibres, pre-cleaning is a very important operation. MEHS JE 9000 is very useful for removing spin finishes, soil and oil from man-made fibres. Man-made fibres derived from cellulose are normally cleansed at elevated temperatures with MEHS JE 9000. MEHS JE 9000 is used for synthetic fibres which can be treated at temperatures above 60° C, e.g. polyester or polyamide fabrics.

Quantities to be used: 0.25-0.5 g/l MEHS JE 9000.

Stain removing MEHS JE 9000 has a very good grease solvent effect. 1:5 to 1:20 solutions of the product are often used for stain removing.

Safety

We know of no ill effects that could have resulted from using the product for the purpose for which it is intended and from processing it in accordance with current practice.

According to the experience that we have gained up to now and other information at our disposal, the product dose does not exert any harmful effects on health, provided that it is used properly, with due attention to the precautions necessary for handling chemicals.

Generally it is to be mentioned, that when handling the product, skin contact and especially contact with the eyes have to be avoided. Wear protective goggles and gloves. Splashes on the skin have to be washed off with water immediately. Vapors of the product have to be removed by suitable ventilation.

Packaging

MEHS JE 9000 is supplied in 30kg and 125kg Plastic drums.

Disclaimer: All recommendations, statements and technical data contained herein are based on tests we believe to be reliable and correct, MEHS Chem Industry warrants its products to be free of manufacturing defects and that, at the time and place of shipment, our material will meet current published physical properties when applied within MEHS directions and tested in MEHS standards. As MEHS has no control over the use to which others may put its products. Responsibility remains with the architect or engineer, contractor and owner for the design, applications and proper installation of each product. Nothing contained herein shall be construed to be a recommendation to use or as a license to operate under or to infringe any existing patents.

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