

## KIWOCLEAN<sup>®</sup> LM 790 E

### Emulsifier containing screen cleaner based on biodegradable solvents

KIWOCLEAN LM 790 E is a universally applicable screen cleaner for the removal of commonly used non-hardened inks from the screen mesh. Especially suitable to be used in in-line cleaning units. KIWOCLEAN LM 790 E is biodegradable, very mild in odour, has a high flash point and can be used for a very long time in the cleaning bath. Among others KIWOCLEAN LM 790 E is especially suitable for cleaning plastic (PVC), UV and ceramic inks, as well as plastisols.

#### APPLICATION

Pour the screen cleaner into the automatic screen cleaning unit at room temperature, observing the instructions given by the machine manufacturer. Additions of fresh KIWOCLEAN LM 790 E can be made to balance losses due to evaporation and drag out. Filtration of the cleaner extends its time of use. Ask KIWO for advice.

Due to its low evaporation, KIWOCLEAN LM 790 E could attack the frame adhesive. Therefore ensure that cleaning times are observed and no solvent remains in the grooves of the frame. In in-line units, stencils are mostly rinsed with water. For stencils to be re-used apply a water resistant screen filler. We also recommend using a lacquer, e.g. ESTELAN Y 224-03, to protect the frame adhesive.

Due to the high boiling range and the long resting time in the cleaning unit, a distillation of KIWOCLEAN LM 790 E is not reasonable. By filtrating the contaminated cleaner, e.g. with an inclined filter or by sedimentation/decanting, good results can be achieved. Cleaning efficiency can be maintained by adding fresh KIWOCLEAN LM 790 E.

Note: KIWOCLEAN LM 790 E consists of organic solvents that may attack various plastics, lacquers or coatings. Therefore please check if working tools, accessories and floor or wall coatings are resistant against KIWOCLEAN LM 790 E. If required, make trials beforehand. During stencil cleaning the frame adhesive can be contaminated by leftover solvents. Ask KIWO to recommend a suitable adhesive.

#### PRODUCT DATA

Colour: colourless to light yellow  
Boiling range: approx. 189-230°C  
Flash point: over 86°C

#### HEALTH HAZARDS/ ENVIRONMENTAL PROTECTION

When working with KIWOCLEAN LM 790 E it is recommended to wear safety goggles and gloves. Do not breathe fumes and ensure sufficient ventilation of the working areas.

Please follow further information given in the material safety data sheet.

#### STORAGE

2 years (at 20 - 25°C and original container)