

## KIWOCLEAN<sup>®</sup> LM 670

### Screen cleaner based on biodegradable solvents, for use in automatic screen washing units

KIWOCLEAN LM 670 is a universally applicable screen cleaner for the removal of non-hardened inks from screens. It is for use in automatic screen washing units, especially in those cases where a system dependent entrainment of the solvent into the waste water can be expected. The cleaner therefore consists of biodegradable components and consequently, the cleaner / water mixtures can be emptied into biologically adapted sewage plants. Very suitable for plastic, UV-, acrylic, water reducible inks (dried), non-hardened two-component inks (e.g. solder mask lacquers) and solder pastes.

#### APPLICATION

Transfer the screen cleaner into the automatic screen washing unit at room temperature. Observe the instructions given by the machine manufacturer. Additions of fresh KIWOCLEAN LM 670 can be made to balance losses due to evaporation. Also one must check the degree of contamination of the cleaning bath. The parameters for good cleaning results can be programmed into the washing unit by our technical staff if required.

Due to the favourable boiling range the screen cleaner can be distilled under vacuum as well as under normal conditions. As the cleaner also absorbs solvents from the printing inks we cannot guarantee a constant solvent composition – especially after having distilled several times.

Notice: During the distillation of the cleaner, the conductivity, formulated due to safety reasons, gets lost. Flowing or aerosol solvents may gain electric charge. If grounding does not exist or is blocked, they might ignite and cause explosions. Add 0,5 to 1,0 % of the conductive additive KIWOMIX LA 1035 to the distillate in order to re-establish conductivity (see separate Technical Information sheet) and stir shortly.

Notice: KIWOCLEAN LM 670 consists of organic solvents which may attack various plastics, lacquers or coatings. Therefore please check if working tools, accessories, floor or wall coatings are resistant against KIWOCLEAN LM 670. If required, make trials beforehand.

#### PRODUCT DATA

Colour:	colourless, clear
Boiling range:	approx. 130 – 150°C
Density (20°C):	approx. 0,93 g / cm <sup>3</sup>
Flash point:	approx. 45°C

#### HEALTH HAZARDS/ ENVIRONMENTAL PROTECTION

When working with KIWOCLEAN LM 670 it is recommended wearing suitable 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

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