

KIWOCLEAN® LM 665

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

KIWOCLEAN LM 665 is a universally applicable screen cleaner for the removal of common non-hardened inks from screens. It is for use in automatic screen cleaning 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 (PVC), UV, acrylic and water reducible inks (even dried), solder and conductive pastes.

APPLICATION

Pour the screen cleaner into the explosion-proof automatic screen cleaning unit at room temperature. Observe the instructions given by the machine manufacturer. Additions of fresh KIWOCLEAN LM 665 can be made to balance losses due to evaporation. The degree of contamination of the cleaning bath must be checked regularly. The parameters for good cleaning results can be programmed into the washing unit by our technical staff if required.

Additions of emulsifier: To optimize cleaning results or to reduce ghost images, additions of the emulsifier KIWOCLEAN EM 850 can be made. Add 1 - 2 l of KIWOCLEAN EM 850 per 100 l of cleaner and stir for a short time. The emulsifier cannot be distilled and must be replenished.

The screen cleaner itself can be distilled under vacuum. As the cleaner also absorbs solvents from the printing inks we cannot guarantee a constant solvent composition and constant flash point – 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 electrostatic 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 665 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 665. 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 beige
Boiling range:	approx. 145 - 190°C
Flash point:	approx. +57°C

HEALTH HAZARDS/ ENVIRONMENTAL PROTECTION

When working with KIWOCLEAN LM 665 it is recommended to wear suitable safety goggles and gloves.

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

STORAGE

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