

## PREGAN® COMBI-CLEAN

### Water emulsifiable solvent based activator and screen cleaner

PREGAN COMBI-CLEAN is a water emulsifiable, solvent based screen cleaner. In combination with alkaline cleaning products it is especially suitable for the removal of ghost images, ink and emulsion residue (activator). As a screen cleaner PREGAN COMBI-CLEAN is also suitable for the removal of many printing inks. It has a high flash point, is very mild in odour and also economical for coarse mesh due to its high viscosity. PREGAN COMBI-CLEAN is free from aliphatic and aromatic hydrocarbons. Entrainment by solvents can be eliminated in adapted biological sewage plants.

### APPLICATION

As a screen cleaner: Apply PREGAN COMBI-CLEAN with a soft brush onto the screen until all ink residue has been dissolved, then rinse thoroughly with water.

For mesh post treatment with alkaline pastes: To remove emulsion and ink residue, mix PREGAN COMBI-CLEAN with PREGAN PASTE in a ratio of approx. 1:1 and with PREGAN-NT-PASTE in a ratio of approx. 2:1. Apply the mixture with a soft brush onto the screen to be cleaned and allow to react for some time (usually approx. 10 min., do not exceed 20 min.). Thoroughly rinse the screen with water and, if necessary, use a high pressure water washer. Prepared mixtures of PREGAN COMBI-CLEAN with either PREGAN PASTE or PREGAN-NT-PASTE are stable for some hours (if no water from wet working tools gets into the mixing container), but it is also possible to mix the alkaline paste with PREGAN COMBI-CLEAN directly on the screen. Optimum distribution and moistening are only possible on dry screens, the application on wet screens is not recommended. Further information is given in the technical data sheets of PREGAN PASTE or PREGAN-NT-PASTE.

As an activator for the removal of ghost images: For the removal of ghost images which have not been caused by mesh deformation, apply PREGAN ANTIGHOST onto the screen. After a certain reaction time (approx. 15 min. up to 12 hours) brush both sides with PREGAN COMBI-CLEAN. Then rinse thoroughly with water and spray out with a high pressure water washer.

**Notice:** When applying PREGAN COMBI-CLEAN in combination with alkaline pastes as e.g. PREGAN PASTE or PREGAN-NT-PASTE, the sensitivity of polyester screen meshes increases with rising ambient temperatures, longer reaction times, finer threads and previous heavy use/damage. Contamination as ghost images can only be removed by a deep-cleaning action. Therefore, possible tearing of the mesh cannot be ruled out. On the other hand, this method is often the only possibility to reclaim the mesh. It is therefore recommended to test the suitability of alkaline pastes / PREGAN COMBI CLEAN for specific applications beforehand, as we cannot assume any responsibility for torn screen mesh.

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**COLOUR** Colourless

**FLASH POINT** Approx. +73 °C

**HEALTH HAZARDS/  
ENVIRONMENTAL  
PROTECTION**

When working with PREGAN COMBI-CLEAN ensure sufficient ventilation of the working areas. Avoid contact with eyes and skin.

PREGAN COMBI-CLEAN can be eliminated through biological decomposition in sewage plants. In case of appropriate conduction to biologically adapted sewage plants, no disturbances of the activated sludge is to be expected. Production waste water containing PREGAN COMBI-CLEAN may not be emptied into open waters without having been pre-treated.

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

**STORAGE**

2 years (at 20 - 25°C)