

KIWOCLEAN AQ 508 CF

1. DESCRIPTION

KIWOCLEAN AQ 508 CF is a concentrated liquid decoating solution for screens. It can be used in a dilution of up to 1:5 with water. It can also be used in combination with KIWO water based cleaners, e.g. KIWOCLEAN AQ 808 CL. KIWOCLEAN AQ 508 CF solutions are colorless and without odor, free from chlorine, have very little attack on the mesh and do not bleach. A milkiness which often occurs when diluting with calciferous water – common with decoating products in powder form – does not appear. Suitable for use with all direct photoemulsions and films (not indirect films).

2. APPLICATION

The ready-to-use decoating solution is prepared by adding approx. 5 liters of water to 1 liter of KIWOCLEAN AQ 508 CF.

In general, we recommend diluting in a ratio of 1:5 with water. When using water resistant photoemulsions which are difficult to decoat, mix of 1 liter of KIWOCLEAN AQ 508 CF with approx. 3 liters of water only.

Two methods are possible:

- 1.) Fill the screen washing unit with the diluted KIWOCLEAN AQ 508 CF solution and mix homogeneously with KIWOCLEAN AQ 808 CL in a ratio of 1:2 (for example: 1 l of KIWOCLEAN AQ 508 CF solution and 2 l of KIWOCLEAN AQ 808 CL). With this combination it is now possible to carry out the process of ink cleaning and decoating at the same time. Depending on the degree of contamination the active component may lose its efficiency. This can be balanced by adding a suitable amount of fresh product.
- 2.) Fill the ready-to-use decoating solution (preparation as above) into the screen washing unit.

Concentration and reaction time orient themselves to the working requirements and can be determined by our technical staff if required. Screens which have been treated with KIWOCLEAN AQ 508 CF or the mixture as described above (see point 1) have to be rinsed with water.

Strong foaming may occur due to dissolved photoemulsior particles. This foaming can be avoided by adding approx. 0.02-0.1% of KIWOMIZ ZL 1062.

Notice: Never allow KIWOCLEAN AQ 508 CF solution to dry on the screen as the combination of KIWOCLEAN and photoemulsion is extremely difficult to remove.

Ensure that decoating, coating and degreasing always take place in separate areas and at different times. During decoating KIWOCLEAN a spray mist is produced which can settle on screens stored in the same room. When coating, the spray mist may cause localized hardening of the photoemulsion which will remain in the open areas after developing.

3. PHYSICAL DATA

Color:	colorless
Consistency:	Liquid
Shelflife:	1 year at 20° - 25° Celsius
Flash point:	
TLV:	
VOC:	
Vapor Pressure:	
HMIS rating:	Health - Flammability - Reactivity -

4. PERSONAL PROTECTION

When working with KIWOCLEAN AQ 508 CF wear safety gloves and goggles. Never allow KIWOCLEAN AQ 508 CF to dry on organic materials (e.g. cleaning rags made of paper, textile and various plastics) as this may cause self-ignition. If spray mist is produced, ensure sufficient extraction – do not breathe the fumes.

If mixed with KIWOCLEAN AQ 808 CL, self ignition is possible if the active component of the decoating agent dries out and in case of reaction with organic substances, observe the instructions given by the manufacturer and ensure that no drying is possible.

5. ENVIRONMENTAL PROTECTION

In usual working dilution, KIWOCLEAN AQ 508 CF solutions can safely be emptied into drains. Due to the oxidative effect, AOX-Value-Determinations according to DIN 38409, part 1 may be influenced.

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

6. PACKAGING

1 US quart, 1 US gallon, 5 US gallon containers, 55 US gallon drums

7. ADDITIONAL INFORMATION

For additional product information, please visit our web site at www.kiwo.com. For further information contact your KIWO distributor or KIWO direct.

Thank you for choosing **KIWO**.