

KIWOCLEAN AQ 808 INK WASH concentrate

1. DESCRIPTION

KIWOCLEAN AQ 808 INK WASH concentrate is an ink wash formulated to be diluted with water. It is most effective for removing plastisol and UV inks. It was especially developed for use in automatic screen washing equipment. It produces little foam and can be mixed with KIWOCLEAN AQ 508 STENCIL REMOVER concentrate to remove ink and emulsion at the same time. KIWOCLEAN AQ 808 INK WASH concentrate is very mild in odor and is biodegradable.

2. APPLICATION FOR REMOVING INK ONLY

KIWOCLEAN AQ 808 INK WASH concentrate can be used as an economical Ink Wash without mixing with KIWOCLEAN AQ 508 STENCIL REMOVER concentrate.

For Use in Automatic Reclaiming Systems

Fill the screen washing unit with KIWOCLEAN AQ 808 INK WASH concentrate and mix with water at a 1:3 ratio of 1 part KIWOCLEAN AQ 808 INK WASH concentrate to 3 parts water.

Add fresh KIWOCLEAN AQ 808 CF to restore effectiveness.

NOTE: Add more water to the mixture ratio to increase cost effectiveness. Add more KIWOCLEAN AQ 808 INK WASH concentrate to increase screen cleaning effectiveness.

For Manual Use Cleaning

Use the same 1:3 mixture ratio mentioned above (1 part KIWOCLEAN AQ 808 INK WASH concentrate to 3 parts water) using a container of choice...spray bottle, one gallon container, or five gallon container.

NOTE: The solution needs to be mixed/stirred before each use for best results.

3. APPLICATION FOR REMOVING INK & EMULSION SIMULTANEOUSLY

For Use in Automatic Reclaiming Systems

General Instructions: Determine the capacity of the tank and calculate the required amounts of water, KIWOCLEAN AQ 808 INK WASH concentrate (808), and KIWOCLEAN AQ 508 STENCIL REMOVER concentrate (508).

FOR PLASTISOL AND UV INKS:

Typically, for each one gallon of 808, mix two gallons of 508 and 4 gallons of water for a mixture ratio of 1:2:4 respectively:

808 Ink Wash	1 gallon	14%
508 Stencil Remover	2 gallons	29%
Water	4 gallons	57%
Working Solution	7 gallons	100%

FOR DIFFICULT TO REMOVE INKS/STENCILS:

Use equal portions for example:

808 Ink Wash	2 gallon	33.3%
508 Stencil Remover	2 gallons	33.3%
Water	2 gallons	33.3%
Working Solution	6 gallons	100%

When using a very water resistant emulsion, less water may be used to increase stencil removing effectiveness.

For help with unusual inks or stencils, please contact KIWO, Inc. Technical Services department.

Mix the required amounts in the tank of the machine. It is useful to fill the tank only 90% full in initial testing to allow fine tuning the cleaning mixture for optimum results.

After some period of use, the mixture will become less effective due to contamination by ink, and consumption of the KIWOCLEAN AQ 508 STENCIL REMOVER concentrate. The addition of small amounts of KIWOCLEAN AQ 508 STENCIL REMOVER concentrate and KIWOCLEAN AQ 808 INK WASH concentrate will restore effectiveness, until the mixture becomes grossly contaminated. At this point replace with a completely fresh mixture.

KIWO Inc. can assist with programming the parameters of the machine to obtain effective cleaning results. Observe the instructions given by the machine manufacturer.

There are many different types of ink used in the screen printing industry, many of which we have not tested. Therefore, please accept our offer to test the suitability of our product for your specific application by asking for no-charge samples.

For use when Manually Cleaning

Start by mixing the 2 parts KIWOCLEAN AQ 508 STENCIL REMOVER concentrate (for preparation, see separate technical information) with 4 parts of water. Then add 1 part KIWOCLEAN AQ 808 INK WASH concentrate. Test the mixture on a screen that represents production screens.

NOTE: The solution needs to be agitated before each use. Once agitated, the solution will appear milky white in color.

If more reclaiming power is needed, add more KIWOCLEAN AQ 508 STENCIL REMOVER concentrate.

If more ink removing power is needed, add more KIWOCLEAN AQ 808 INK WASH concentrate.

If the solution needs to be more cost effective, add more water.

Continue to adjust the solution ratios until the required working solution is found. Record the final ratio and maintain the working solution.

The products need to be mixed within 1-2 weeks of use. If the working solution shows signs of less cleaning, add more KIWOCLEAN AQ 508 STENCIL REMOVER concentrate to boost the reclaiming – add more KIWOCLEAN AQ 808 INK WASH concentrate to boost the ink removing cleaning.

Aging depends on the system and ratios used. Monitor aging and report concerns to KIWO.

4. PHYSICAL DATA

Color: Colorless

Consistency: Liquid

Shelf Life: 3 year at 20°- 25° Celsius in original container

Flash Point: >108°C

TLV: Not Established

VOC: 854 g/liter 7.1 pounds/gallon - undiluted
427 g/liter - diluted 1:1 with water
285 g/liter - diluted 1:2 with water
213 g/liter - diluted 1:3 with water

Vapor Pressure: <0.1 mmHg

HMIS rating: Health - 1
Flammability - 1
Reactivity - 0

5. PERSONAL PROTECTION

When working with KIWOCLEAN AQ 808 INK WASH concentrate, it is recommended to wear suitable safety gloves and goggles.

When mixed with KIWOCLEAN AQ 508 STENCIL REMOVER concentrate, self-ignition is possible if the active component of the de-coating agent dries out and in case of reaction with organic substances. Observe the instructions given by the manufacturer and ensure that no drying in is possible. Please follow further information given in the Safety Data Sheet.

6. ENVIRONMENTAL PROTECTION

In usual working dilution, KIWOCLEAN AQ 808 INK WASH concentrate solutions can safely be emptied into drains. Please follow further information given in the material safety data sheet.

7. PACKAGING

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

8. ADDITIONAL INFORMATION

For additional product information, please visit our web site at www.kiwo.com. All products mentioned in this Technical Information are available through KIWO Inc. and its distributor network. For further information contact your authorized KIWO distributor or KIWO directly.

Thank you for choosing **KIWO**.