



## IMMACUCLEAN COMIC BOOK CLEANER INSTRUCTIONS

### SOME WARNINGS:

- 1) This cleaner (or more specifically the water in the cleaner) may remove small amounts of some ink on your book. Use caution. This is especially true with silver and golden age reds and yellows. Bronze age books are much mess susceptible
- 2) This product may leave some visible streaks in the cover of the book after drying. These are usually due to microscopic paper dust fines being moved around the surface. If you see these, reclean with a slightly water-damp makeup pad to remove them. (do not use more cleaner, as it isn't necessary)
- 3) This product is good for general handling soil. It will not remove Ink or adhesives
- 4) **Use at your own risk. You *\*will\** damage some books as you are learning,**

### PLEASE FOLLOW THESE TECHNICAL INSTRUCTIONS WHEN CLEANING YOUR COMICS:

- 5) Mix contents of one bottle of ImmacuClean (35g) with between 500-ml (concentrated) to 1000ml (dilute) of *\*distilled\** water. (tap water may leave a white residue, which can be removed). When first learning, it is recommended to use one bottle per 1000ml (35g/l or 3.5%)
- 6) The solution should be covered (put a lid on the bottle) when not in use as it is biodegradable and will spoil in 3-4 months if it is continuously exposed to oxygen. It will last about a year if it is covered well.
- 7) Apply to slightly warm book if possible. I prefer to warm to 125°F in an oven or heat press). Test the colors on the book using a small amount of ImmacuClean on a q-tip. Look for colors coming up on the q-tip. Avoid those areas of that specific color if any appear on the q-tip.
- 8) Apply 3-5ml (2-3 pumps on the included dispenser) to a makeup pad wipe or a few drops to a q-tip and wipe on the surface *\*lightly\**. For extra effect on white-only areas apply to a magic eraser, but I do not like using them at all on colored areas of a book.

- 9) Wait about 30- 60 seconds then wipe again with a pad very lightly wetted with DI water. Most of the dirt will come up during this after-soak wiping. It needs to soak in for a bit to loosen the soil (the pages may curl). I like to “rinse” the book with a makeup bath wet with DI water after air-drying to provide a more uniform look. More soil almost always comes off in this step.
- 10) Allow the book to air dry until it is dry to the touch. I like to put something like pencils or q-tips under the cover to help it dry more uniformly and quickly.
- 11) Once dry you may see streaks on the book, depending on how soiled it was. These streaks can be removed by wiping the book again with DI water on a cotton pad perpendicular to the direction of the streaks.
- 12) Once dry, heat press the book as per your own methods. My methods for heat pressing depends on the book and my ambient weather. A general tip is that I prefer 135 degrees F for about 45 minutes, followed by a cold press for a couple of days under a weight. If you don't like page curl then heat from both sides at once. If your heat press doesn't allow that, you can purchase an Aluminum heat sink plate and preheat it for placement under the book.

#### SOME NOTES:

- 13) Dirt doesn't have a clear definition, so this solution will remove some soils well (body oils and general soil) and others poorly (cellulose fiber oxidation, paper dust fines, and mold spores. This solution will not perform miracles, but you may be surprised how much soil you remove from a book. The books always look a little shinier after wet cleaning, mostly because they are just smoother and more even. They are not “re-glazed.”
- 14) A reminder to the above same note: Allow books to air-dry to the touch before pressing. I like to put q-tips under the cover page to aid air drying.
- 15) Practice on inexpensive books in small areas first. When you initially learn to wet-clean books, you are guaranteed to ruin a few in the process, even if you initially have success. Experiment, but be careful. You may need to wipe with water a second time (after pressing) if the loosened dirt is remaining on the surface. You may see dirt streaks after drying that still need removal. It all depends on how dirty the book is.
- 16) ImmacuClean is safe and non-toxic to both humans and to the environment. The cleaning solution is a chemical cleaning product. Don't get it in your eyes or ingest it. Wear gloves and safety glasses when using. Always rinse your hands with water after use.

Good luck!

Rick Morgan

