



ECO range

BLANKET & ROLLER WASH

ALLIED ECO RANGE 100 Washes contains proven and select groups of oils compounded together. Formulated in compliance with less than the 100 grams per liter limit proposed by the S.C.A.Q.M.D. in effect beginning 2008.

Allied HYDRO WASH 100 is a super concentrated low V.O.C. wash that **must be used with 50%** water added. When cleaning rollers and blankets **use ½ the amount** of Allied HYDRO WASH 100 than used of petroleum base washes. Good evaporation characteristics with no greasy residues left behind. Undiluted V.O.C 10%. Used as directed V.O.C. content is less than 10%. Ca.1171

ITEM# 10611

Allied AW-100 (AUTO WASH) is a water miscible blanket and roller wash specifically designed to work in automatic wash up units. **Allied AW-100** will effectively cut and remove ink from blankets and rollers. V.O.C. content is less than 10%. Ca.1171

ITEM# 10607

Allied LV WASH-100 is a blanket and roller wash formulated for manual wash ups on both blankets and rollers. V.O.C. content is less than 10%. Ca.1171

ITEM# 10606

Allied HYDRO KLEER is a specialty, low V.O.C blanket and roller wash for conventional and UV ink. **Allied HYDRO KLEER'S** unique components remove inks, debris, surfactants, paper coating and other contaminant in a low odor, deep cleaning super concentrated wash. **HYDROKLEER** reduces press wash usage by approximately 50%to 60% in comparison to a typical press wash. V.O.C. content is less than 10%. Ca.1171

ITEM# 10603

Allied RESOLVE 100 Because some vegetable base washes are oilier than others and may leave a residue behind, Allied created **RESOLVE 100** to ensure residues are removed. We recommend the use of **RESOLVE 100** as a general residue remover. Utilized as a preventive measure, **RESOLVE 100** helps combat the issues created by any oily vegetable base wash. (plate sensitivity, poor ink transfer, blanket image retention and more) Ca.1171

ITEM# 10609

WORLDWIDE MANUFACTURING & TECHNICAL SUPPORT

ALLIED PRESSROOM PRODUCTS

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ABC CHEMICAL Co.

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ABC-ALLIED PRESSROOM PRODUCTS

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IMPORTANT

LOW VOC WASH NOTIFICATION

In adherence to the S.C.A.Q.M.D. in effect beginning 2008, One of the main ingredients used to reduce V.O.C are different types of vegetable oils and, in some cases, acetone. The use of Veggie oils can promote unforeseen effects including spontaneous combustion when saturated rags are left balled up and stored in an open container.

Spontaneous Combustion is defined as a phenomenon in which a substance unexpectedly bursts into flames without apparent cause. Many substances undergo a slow oxidation that, like the rapid oxidation of burning, releases heat. If the heat released cannot escape the substance, the temperature of the substance rises until ignition takes place. Spontaneous combustion often occurs in piles of oily rags, green hay, leaves or coal; it can constitute a serious fire hazard.

SUGGESTED SAFE HANDLING PRACTICES

(check with local authorities)

1. ALWAYS store saturated rags in a UL Listed & approved covered (closed) container.

S.C.A.Q.M.D. 1171 - 9

Storage and Disposal - All VOC-containing solvents used in solvent cleaning operations shall be stored in non-absorbent, non-leaking containers which shall be kept closed at all times except when filling or emptying. It is recommended that cloth and paper moistened with VOC-containing solvents be stored in closed, non-absorbent, non-leaking containers.

2. Place safety containers away from all equipment.
3. Make sure all dealer and print shop personnel are properly instructed, made aware and trained with the appropriate handling procedures of saturated shop towels and the adverse effects of spontaneous combustion as defined above.
4. **READ MSDS THOROUGHLY AND CAREFULLY TO UNDERSTAND PRODUCT CHARACTERISTICS AND HANDLING**

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RECOMMENDATIONS.

Vegetable Oil Washes: On Press Issues & Recommendations

Printers using Low VOC vegetable oil based washes should be advised that these washes can/have cause the following problems when not properly cleaned out of the system.

1. Plate sensitivity (caused when wash contacts the plate - form rollers left engaged when washing up the press, blanket not cleaned off wash completely.)
2. Ink density fluctuations. (caused when impression cylinder not cleaned of vegetable oil wash. Rollers & blankets not thoroughly purged of vegetable oil residue during wash up.)
* Vegetable oil contamination of the ink train or on blankets will require a deep cleaning of the rollers and blanket.
3. It is very important that the press operator slow down and not rush the wash up steps.
4. Apply wash to roller train in smaller amounts and allow product to work in to the rollers.
5. Apply wash up blade and allow emulsified ink to be removed from the roller train.
6. Release wash up blade, apply Resolve 100 (**if needed**) @ 50% dilution with water or full strength
7. Apply wash up blade and flush residue into tray.
8. Do a final rinse with water.

Recommendations – Plate Handling

Using SOME LOW VOC WASHES containing vegetable oil based solvents can cause plate sensitivity. The wash will penetrate the grain of the plate and when attempting to clean the plate with water it will not be fully removed, thus repelling any fountain solution mixes used to desensitize the non image area.

Using SOME LOW VOC WASHES containing acetone can cause image loss or affect the anodized finish of the non image area of the plate. This can also provoke plate sensitivity resulting in unwanted ink build up on the plate.

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SPECIALTY PRODUCTS

ALLIED ECO RANGE 100 contains a proven and select group of compliant ingredients infused into our specialty on press product range. Formulated in compliance with less than 100 grams per liter limits proposed by the S.C.A.Q.M.D. in effect beginning 2008.

Allied DYNAKLEAN is an excellent deep cleaning liquid, de-glazer and roller conditioner. Our improved environmentally responsible formula is engineered with a **bio-degradable non-petroleum solvent**. Dynaklean removes the contaminants that create hardening of rollers which lead to poor ink transfer and water in balance. Dynaklean is extremely effective when used in conjunction with Relief as part of a normal roller maintenance program. V.O.C. 0.7/lb per/gl. Ca.1171

ITEM# 10061

Allied C.R.U.D is a roller cleaning paste. **C.R.U.D** is ideal for critical color changes where thorough removal of residual pigments is required. **C.R.U.D** is extremely effective when used with **Relief** as part of a normal roller maintenance program. V.O.C. 0%. Ca.1171

ITEM# 10168

Allied RELIEF is a super concentrated calcium & surfactant remover for both blankets and rollers. **Relief** is extremely effective when used in conjunction with **Dynaklean** or **C.R.U.D** as a normal roller maintenance program. V.O.C 3%. Ca. 1171

ITEM# 10236

PATENT No. 6,631,682 m

Allied SYSTEMS KLEENER POWDER a safe (no listed hazards) fountain solution system cleaner in an easy to use powder form. Cleans and removes ink, paper coating, mold, and calcium from the press recirculation system, to ensure longer life of the fountain solution. V.O.C. 0%. Ca.1171.

ITEM# 10041

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Allied HAND SCRUB is made up of a damp sandy material to scrub off ink (even reflex blue), grease and other debris. No listed materials. V.O.C 0%. Ca. 1171

ITEM # 11333

Allied INK REPELLANT is a paste to clean and prevent unwanted ink build up on the impression cylinder. Allows work and turn with heavy coverage. Polish old cutter beds to remove old oxidation so paper can slide easily. V.O.C less the 10%. Ca. 1171

ITEM # 10102

Allied SNAP BACK Swell low blanket areas almost permanently without damaging the surface rubber. Allied SNAP BACK is applied to the fabric side of the blanket. While this takes longer, it is as close to a permanent repair as there is. No listed ingredients. V.O.C. 0% . Ca. 1171

ITEM # 1005

PLATE CLEANERS & METERING ROLLER CLEANER

Allied Advantage XL Plate Cleaner is a uniquely formulated plate cleaner, finisher and preserver created for compliance with SCAQMD ruling of voc limits which are less than 100 grams per liter. **Advantage XL** is an excellent ink cutting plate cleaner with the ability to provide short term storage. V.O.C 1%. Ca.1171

ITEM# 10606

Allied Plate Fix is a super plate desensitizer and scratch remover. **Plate Fix** is designed to keep ink from returning to unwanted areas of the plate and for removal of gum streaks, oxidation and scumming. **Plate Fix** is highly recommended for polyester based plates and most analog metal plates.

For plate compatibility, we recommend testing **Plate Fix** prior to using. V.O.C 2.6% . Ca.1171

ITEM# 10099

Allied LV MRC-100 is a specialty, S.C.A.Q.M.D. compliant metering roller cleaner which contains less than 100 grams per liter. V.O.C less the 10%. Ca. 1171

ITEM# 10604

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