



Hydra ZX-100

Total Processor Refurbish / Cleaner

NEW Fast Acting, Deep Cleaner For ALL Mini-Labs, Professional Film & Paper Processors

Non-Fuming ZX-100 Rapidly Removes Heavily Oxidised Developer, Silver Crystallized Fix/Bleach Scale & Soft Sulphur Build-up, From Racks, Hard, Soft Rollers & Tanks.

Using "New Nano Technology" Hydra have formulated ZX-100. Which rapidly removes the heaviest build-up of chemical contamination without heavy scrubbing. In 2-4 hours. Powerful ZX-100 starts to work on contact. Deep cleaning is fast and easy and when used as total processor cleaner greatly improves the working efficiency of your processor by cleaning pipe-work tanks and pumps. Using ZX-100 stops fresh chemistry from being contaminated by old chemical build-up on racks and tanks.

ZX-100 is bio-degradable and safe for use on all wet processors and mini-labs. However, as ZX-100 is so efficient the used solution will contain high levels of chemicals / silver deposits and the used solution should be disposed of with your waste chemistry.

Used by Specialized Refurbishment Companies, Service Engineers, Processor Manufacturers
N.B. Remove any soft squeegee top rollers or strips if present before soaking for longer than 2 – 4 hours if in doubt ask Hydra technical dept

Instructions for use:

To Clean Racks out of processor: Dilute Hydra ZX-100 at 1:15 with water

1. Make up solution in sink, bath, or tank. Use warm water to aid cleaning.
2. Add racks and submerge in Hydra ZX-100 solution for 2-4 hours depending upon degree of contamination.
3. Drain solution to chemical waste and lift rack and allow to drain.
4. Rinse thoroughly with fresh water turning rollers. Inspect racks. Remove any stubborn deposits with a non-abrasive cloth or small soft brush (nail brush) and rinse off under pressure if possible. If cleaning soft rollers extra rinse until clean. Rinse solutions can go straight to drain.

Total Processor Deep Clean leaving Racks in Machine: Dilute Hydra ZX-100 at 1:15 to 1:20 with water

1. Empty processing chemicals into chemical waste tank and rinse through. Fill machine with water and add ZX-100 as above.
2. Switch machine on to circulate ZX-100 through system inc pipe-work, re-circulation pump and heat exchanger.
3. When machine reaches operating temperature switch off and soak racks for between 2-4 hours or overnight.
4. When racks are clean, drain contaminated ZX-100 solution into chemical waste tank.
5. Re-fill tanks with fresh water and switch processor on to circulate rinsing water. Drain and Repeat rinsing until water is clear. Once water is running clear remove racks for inspection. Ensure all deposits rinsed out of tank
6. Any remaining scale deposits can be removed with small non-abrasive cloth/pad or soft brush.
7. Rinse racks thoroughly with fresh water under pressure if possible turning racks to ensure clean rollers. For soft rollers extra rinsing is advised.

Packed in 4x1 liter (34 oz) bottles

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Material Safety Data Sheet

All the information on this sheet relates to the concentrated product only, in use dilution will decrease any possible hazard significantly.

Supplier

Hydra International Corporation Inc

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1. IDENTIFICATION	Hydra ZX-100	
2. COMPOSITION	An aqueous blend of Sodium Hydroxide, Sodium Salt of Nitrilo Acetic Acid, Amphoteric Surfactant and dye	
3. HAZARDS IDENTIFICATION	Corrosive	
4. FIRST AID MEASURES	EYES SKIN INHALATION INGESTION	Flush with copious amounts of water and seek medical advice Wash with soap and water Not applicable In the unlikely event of ingestion seek medical aid immediately Give nothing by mouth to an unconscious person
5. FIRE HAZARD & FIRE FIGHTING PROCEDURES	Non flammable	
6. ACCIDENTAL RELEASE MEASURES	SMALL SPILLS LARGE SPILLS	Wash away with water Cover with sand and earth. Pickup and hold for waste disposal
7. HANDLING AND STORAGE	Closed containers above 5°C	
8. EXPOSURE CONTROLS AND PERSONAL PROTECTION	RESPIRATORY PROTECTION VENTILATION PROTECTIVE GLOVES EYE PROTECTION OCCUPATIONAL EXPOSURE LIMIT	Not applicable Not applicable Wear PVC or Rubber Gloves Wear goggles Not applicable
9. PHYSICAL AND CHEMICAL PROPERTIES	PHYSICAL STATE COLOUR ODOUR FLASHPOINT SOLUBILITY SPECIFIC GRAVITY	Liquid Brown Alkaline Non Flammable Water Soluble 1.195 + -0.01 @ 20°C
10. STABILITY & REACTIVITY DATA	CHEMICAL REACTIVITY STORAGE STABILITY INCOMPATIBILITY HAZARDOUS DECOMPOSITION AND COMBUSTION PRODUCTS	Reacts as an Alkali Stable Acids and Acidic Material None
11. TOXICOLOGICAL INFORMATION	EYES SKIN INHALATION INGESTION	Corrosive Corrosive Not applicable Harmful/Corrosive
12. ECOLOGICAL INFORMATION	Not classified as dangerous to the environment	
13. DISPOSAL CONSIDERATION	As per current rules of local authority	
14. TRANSPORTATION INFORMATION	Contains Sodium Hydroxide. Corrosive. Packing Group II. UN 1824	
15. REGULATORY INFORMATION	LABELLING INFORMATION	Contains 15% Sodium Hydroxide
RISK PHRASES	R35 CAUSES SEVERE BURNS	
SAFETY PHRASES	S2 KEEP OUT OF REACH OF CHILDREN S24/25 AVOID CONTACT WITH SKIN AND EYES S26 IN CASE OF CONTACT WITH EYES RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE S36/37/39 WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION S45 IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL SEEK MEDICAL ADVICE IMMEDIATELY. SHOW PRODUCT LABEL	
HAZARD SYMBOL	CORROSIVE	
16. OTHER INFORMATION	1st September 2003	

The information contained in this document is provided in accordance with the requirements of Chemicals (Hazard Information & Packing) Regulations. The product should not be used for any purpose other than as stated on the label without obtaining specific written instructions directly from the supplier's Head Office. As specific conditions of use are outside the supplier's control the user is responsible for ensuring the requirements of relevant legislation are complied with. The user assumes all liability for damage or injury caused from abnormal use, failure to follow recommended practices & any hazard inherent in the nature of the product.