

223 Stabifount Hard

Fount for hard water conditions

Technical Data Sheet

DESCRIPTION

Very hard water has an extremely high surface tension and when used in offset printing process causes several run-on problems on the press. Scumming, Tinting, Ghosting and over emulsification of the dampening solution with the ink causes shade variations in print thereby causing substantial losses to the print establishment. Under such conditions, in order to lower the surface tension of the dampening solution, the press operator is compelled to maintain a high dosage of Iso Propyl Alcohol in the dampening solution. 223 Stabifount hard is a two-in-one product manufactured in ready-to-use form. It is a fount concentrate containing water softening and conditioning agents. The fount when dosed at recommended levels serves as a Fount as well as a water softener

DIRECTIONS FOR USE:

Thoroughly clean the dampening circulation system using Falcon 105 Fount System Rinse and run clean water before charging the tank with this product. For manual mixing, fill dampening system with water and dose 2 - 3% by volume i.e mix 30 mL to 970 mL of water. After circulating the press ready dampening solution through the system, check pH and conductivity and compare with the target concentration values to recommended standards. For Automatic systems, set equipment for recommended dosage 223 Stabifount hard. Upon completion and circulation through the system, check pH and conductivity and compare with the target concentration value

NOTE: on Alcohol dampening presses the product needs to be used along with minimum dosage of IPA (approx. 2 to 4%) or IPA replacement 301 Alcoban AR dosed at 1%

FEATURES AND BENEFITS

- Hassle free ready to use product that decrease the hardness of influent water and makes it suitable for use in the dampening solution.
- Saves cost by limiting the use of expensive Iso Propyl Alcohol and fountain solution.
- Optimum printing performance due to perfectly metered dampening solution on plate and correct emulsification levels with the inks.

SPECIFICATIONS:

Appearance: Light green coloured solution
Boiling Range: > 100°C
Specific Gravity: 1.05 - 1.10 g/ml @ 25 °C
Volatile contents: Approximately 68%w/w
pH: Concentrate: 4.50 - 4.70;
2% with demineralised water: 4.50 - 5.00
Solubility in water: Soluble in all ratios.
Flash Point: > 100°C



HMIS® RATING	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	1
PERSONAL PROTECTION	B

RATING SCALE	PERSONAL PROTECTION INDEX
4 = SEVERE HAZARD	A
3 = MODERATE HAZARD	B
2 = MODERATE HAZARD	C
1 = SLIGHT HAZARD	D
0 = MINIMAL HAZARD	E

PACKING :

05 LTRS X 4 pcs
25 Ltrs Cans
210 Ltrs Barrels
1000 Ltrs Tote Tanks