

222 Stabifount Soft

Fount for soft water conditions

Technical Data Sheet

DESCRIPTION

Very soft water has an extremely low surface tension and when used in offset printing process causes several run-on problems on the press. Foaming in the dampening circulation system, over emulsification of the dampening solution with ink, loss of control on metering of dampening solution flowing on to the plate are some of the chronic issues resulting from the use of very soft water. Under such conditions, the printer has to add water re-hardener to the water and this itself is a critical task. 222 Stabifount Soft is a two-in-one product manufactured in ready-to-use form. It is a fount concentrate containing water hardening agents. The fount when dosed at recommended levels serves as a Fount as well as a water hardener.

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 222 Stabifount Soft. Upon completion and circulation through the system, check pH and conductivity and compare with the target concentration v

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% minimum

FEATURES AND BENEFITS:

Increases hardness of influent water and makes it suitable for use in the dampening solution.

Avoids potential mistakes caused by press operators while dosing water hardeners to the influent water.

Optimum printing performance due to perfectly metered dampening solution on plate and correct emulsification levels with the inks.

SPECIFICATIONS:

Appearance: Light amber 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

PACKING :

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

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

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

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