

Technical Data Sheet

Product Code: SFA7

English Version: 3 / November 2009

Page 1 of 2

SUNFOUNT® 300

DESCRIPTION AND GENERAL PROPERTIES



FOUNTAIN SOLUTION ADDITIVE FOR SHEETFED OFFSET

SUNFOUNT® 300 is a universally usable product for conventional and alcohol dampening units in web and sheetfed offset.

SUNFOUNT® 300 may also be used with UV drying inks.

SUNFOUNT® 300 is one of the founts in the complete range available from SUN CHEMICAL

AVAILABILITY

SAP PRODUCT NUMBER	SAP DESCRIPTION	Packaging
56007611	SFA7: SUNFOUNT 300 25KG:FKZ1	25Kg Plastic bottle

SPECIFIC ADVANTAGES

FEATURES	ADVANTAGES	BENEFITS
Good buffering	<ul style="list-style-type: none">Stable pH within the most favourable range for printing	<ul style="list-style-type: none">Stable print quality and colour throughout the run
Anti-corrosive technology	<ul style="list-style-type: none">Approved by MAN Roland, Koenig & Bauer AG and Heidelberg Druckmaschinen AGGood plate protection	<ul style="list-style-type: none">Improves life time of pressNo plate corrosion during short down times
Low alcohol concentration	<ul style="list-style-type: none">Only 8 -12% in alcohol dampening systems necessary	<ul style="list-style-type: none">Better working environment.

working for you.



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Page 2 of 2

TECHNICAL INFORMATION

TECHNICAL DATA			
Dampening System	Universal / Conventional	Water Miscibility	Completely miscible
Corrosion Behaviour	Neutral / Manufacturer Approved	Specific Gravity	1.183 – 1.193 @ 20°C
Water Types	Hard / Soft / Demineralised	Flash Point	> 100 °C
Colour	Blue	Dosage	2 – 3 %
pH (Concentrated)	4.6 – 4.8	pH (Diluted)	5.05 – 5.25 *

* dependent upon dosage and local water quality

DIRECTIONS FOR USE

SUNFOUNT® 300 should be dosed at 2 - 3 %, dependent upon local water conditions.

For economy and performance the use of the SUN CHEMICAL DOSER DI – 150 is recommended.

When processing UV drying inks the addition of 5 – 7% IPA to the dampening units is recommended. The level of dampening should be kept as low as possible. With conventional dampening units the addition of 1 – 3% IPA can help in keeping dampening rollers clean.

For full details about this or any other SUN CHEMICAL product, please contact your regional SUN CHEMICAL Account Manager or Technical Service Team.

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