

# Technical Data Sheet

Product Code: SFA9

English Version: 3 / November 2009

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**SUNFOUNT® 455**

## DESCRIPTION AND GENERAL PROPERTIES



### FOUNTAIN SOLUTION ADDITIVE FOR SHEETFED OFFSET / ALCOHOL DAMPENING UNITS

SUNFOUNT® 455 is an alcohol substitute fount, developed for use on sheetfed presses.

SUNFOUNT® 455 has added corrosion inhibitors and is approved by leading press manufacturers.

SUNFOUNT® 455 is formulated for use with soft / demineralised water with a hydrogen carbonate level of up to 300 mg / l

SUNFOUNT® 455 is one of the founts in the complete range available from SUN CHEMICAL

## AVAILABILITY

SAP PRODUCT NUMBER	SAP DESCRIPTION	Packaging
56007616	SFA9: SUNFOUNT 455 25KG:FKZ1	25Kg Plastic bottle

## SPECIFIC ADVANTAGES

FEATURES	ADVANTAGES	BENEFITS
Good buffering	<ul style="list-style-type: none"><li>Stable pH within the most favourable range for printing</li></ul>	<ul style="list-style-type: none"><li>Stable quality and colour throughout the run</li></ul>
Good / uniform plate wetability Fast ink / water balance	<ul style="list-style-type: none"><li>Quality print levels quickly achieved</li></ul>	<ul style="list-style-type: none"><li>Less waste</li><li>Reduced down time</li></ul>
Active copy layer protection	<ul style="list-style-type: none"><li>Outstanding IPA free performance</li><li>Long life for CTP plates</li></ul>	<ul style="list-style-type: none"><li>Quality with economy</li></ul>
Approved anti-corrosive technology	<ul style="list-style-type: none"><li>Approved by MAN Roland, Koenig &amp; Bauer AG and Heidelberger Druckmaschinen AG</li><li>Good plate protection</li></ul>	<ul style="list-style-type: none"><li>Improves life-time of press</li><li>No plate corrosion during short down times</li></ul>
Reduction / substitution of alcohol	<ul style="list-style-type: none"><li>0 – 5 % is possible; indirect dampening units may require an alcohol addition</li></ul>	<ul style="list-style-type: none"><li>Better working environment</li></ul>

**working for you.**



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## TECHNICAL INFORMATION

TECHNICAL DATA			
Dampening System	Universal	Water Miscibility	Completely miscible
Corrosion Behaviour	Inhibited / Manufacturer Approved	Specific Gravity	1.100 – 1.110 @ 20°C
Water Types	Soft / Demineralised to 300mg / L	Flash Point	> 55 °C
Colour	Colourless	Dosage	2 – 4%
pH Concentrated	4.9 – 5.1	pH Diluted	5.5 – 5.7 *

\* dependent upon dosage and local water quality

## DIRECTIONS FOR USE

SUNFOUNT® 455 should be dosed at 2 – 4%, dependent upon local water conditions. For economy and performance the use of the SUN CHEMICAL DOSER DI – 150 is recommended.

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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