

Technical Data Sheet

Product Code: SFC4
English Version: 2 / March 2010
Page 1 of 2

SUNFOUNT® 475

DESCRIPTION AND GENERAL PROPERTIES



FOUNTAIN SOLUTION ADDITIVE FOR SHEETFED OFFSET ALCOHOL DAMPENING UNITS

SUNFOUNT® 475 is a universally alcohol substitute developed for large format sheetfed presses.

SUNFOUNT® 475 contains special additives to avoid roller stripping by insoluble calcium salts.

SUNFOUNT® 475 is designed for use with hard water with over 300mg / l hydrogen carbonate.

SUNFOUNT® 475 is one of the founts in the complete range available from SUN CHEMICAL.

AVAILABILITY

SAP PRODUCT NUMBER	SAP DESCRIPTION	Packaging
56007651	SFC4:SUNFOUNT 475 25KG:FL10	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
Fast in / water balance achieved	<ul style="list-style-type: none">Rapidly and uniform plate wetting	<ul style="list-style-type: none">Quality print with minimum set up
Anti-corrosive technology	<ul style="list-style-type: none">Good plate protection	<ul style="list-style-type: none">No plate corrosion during short down times
Calcium reducing technology	<ul style="list-style-type: none">Helps avoids stripping of ink rollers	<ul style="list-style-type: none">Reduced rubber roller damage
Low alcohol concentration	<ul style="list-style-type: none">Only 0 - 5% in alcohol dampening systems necessary	<ul style="list-style-type: none">Better working environment.
Integrated re-hardener	<ul style="list-style-type: none">Contains re-hardener to adjust hardness to the favoured range. (2% = 8° on German scale)	<ul style="list-style-type: none">No additional additives.

working for you.



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Page 2 of 2

TECHNICAL INFORMATION

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Dampening System	Universal	Water Miscibility	Completely miscible
Corrosion Behaviour	Neutral	Specific Gravity	1.088 – 1.098 @ 20°C
Water Types	Hard - above 300mg/l	Flash Point	> 100 °C
Colour	Amber	Dosage	2 – 4 %
pH (Concentrated)	4.2 – 4.4	pH (Diluted)	4.8 – 5.3 *

* dependent upon dosage and local water quality

DIRECTIONS FOR USE

SUNFOUNT® 475 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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