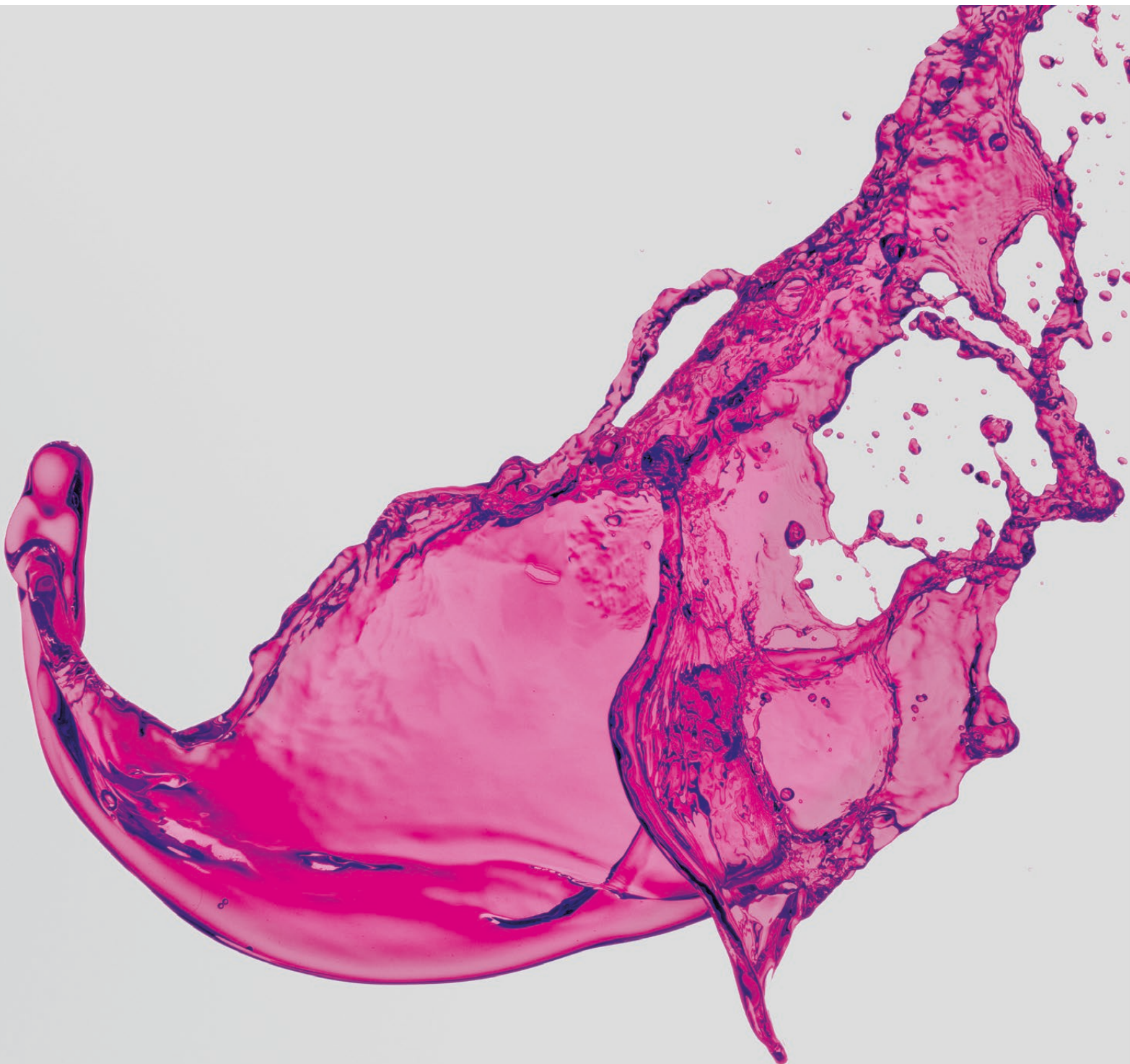


DYES FOR YOUR
WATER-BASED INKJET INKS
DUASYN[®], DUASYNJET[®]









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Duasyn/Duasynjet grades are specially designed for water-based inkjet inks.

PRODUCT ADVANTAGES

- Cost-efficient dyes for inkjet printing
- Low salt content
- High surface tension
- High tinctorial strength and brightness

SHADE	PRODUCT NAME	CHARACTERISTICS
	DUASYN ACID YELLOW XX-SF LIQ.	Standard red-shade yellow
	DUASYN YELLOW 3GF-SF LIQ.	Red-shade yellow
	DUASYN BRILLIANT RED F3B-SF LIQ.	Standard magenta – reactive dye
	DUASYN MAGENTA CR-SF LIQ.	Brilliant magenta – reactive dye
	DUASYNJET CYAN FRL-SF LIQ.	Green-shade cyan
	DUASYN ACID BLUE AE-SF 30 LIQ.	Standard blue for shading



PRODUCT NAME	COLOUR INDEX	LIGHT FASTNESS ¹	DYE CONTENT approx. [%]	PH-VALUE ²	SURFACE TENSION ² [mN/m]
DUASYN ACID YELLOW XX-SF LIQ.	A. Y. 23	4–5	8	5.0–9.0	≥ 50
DUASYN YELLOW 3GF-SF LIQ.	D. Y. 132	4–5	8	7.0–10.0	≥ 50
DUASYN BRILLIANT RED F3B-SF LIQ.	R. R. 180	4	15	3.0–5.0	≥ 50
DUASYN MAGENTA CR-SF LIQ.	–	4	15	5.0–9.0	≥ 45
DUASYNJET CYAN FRL-SF LIQ.	D. B. 199	7	10	8.0–10.0	≥ 50
DUASYN ACID BLUE AE-SF 30 LIQ.	A. B. 9	2–3	30	5.0–9.0	≥ 50

¹ The light fastness was determined on a print with 2.5% dye content in accordance with DIN ISO 12040

² Determined from a 5% aqueous dye solution according to the Clariant Test Method 5/12

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*For sales to customers located within the United States and Canada the following applies in addition

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