



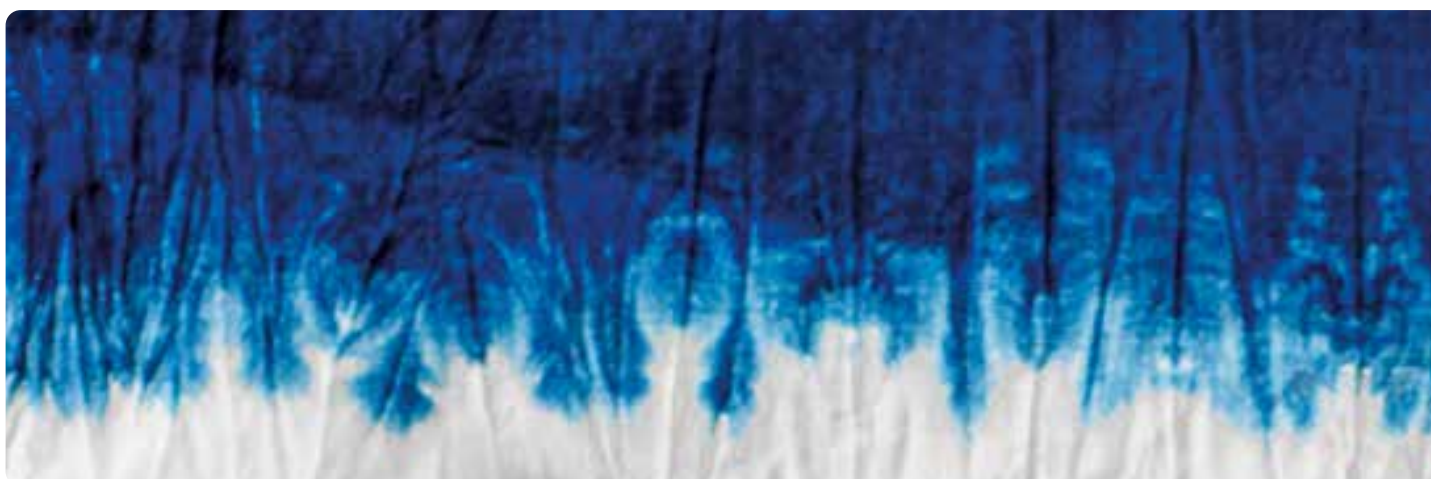
Reducing agents

Optimised products for every application

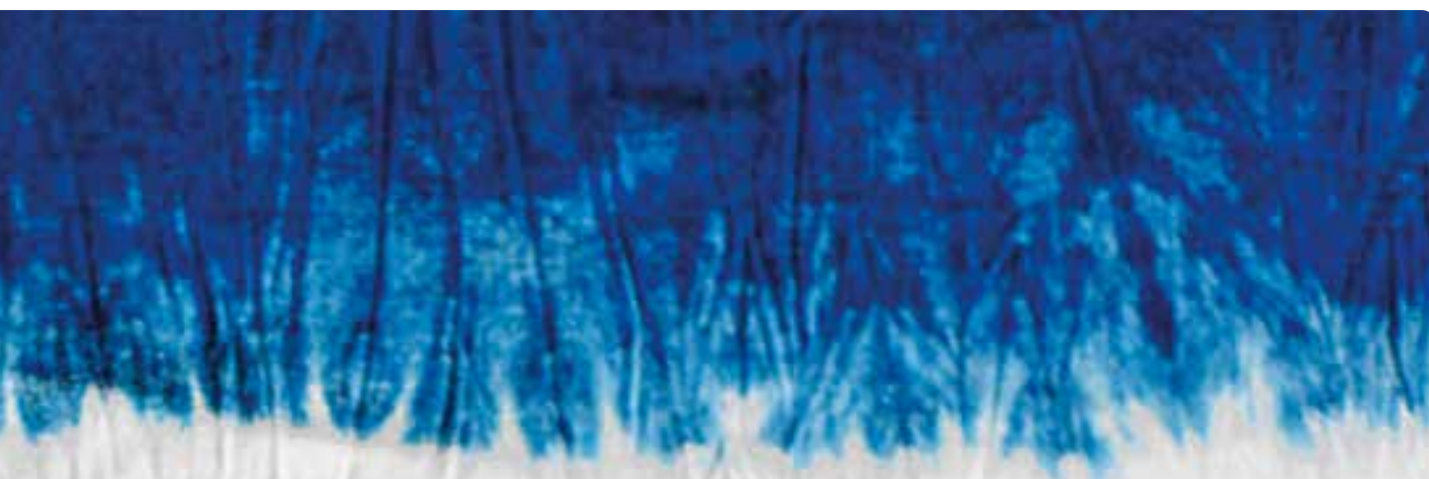


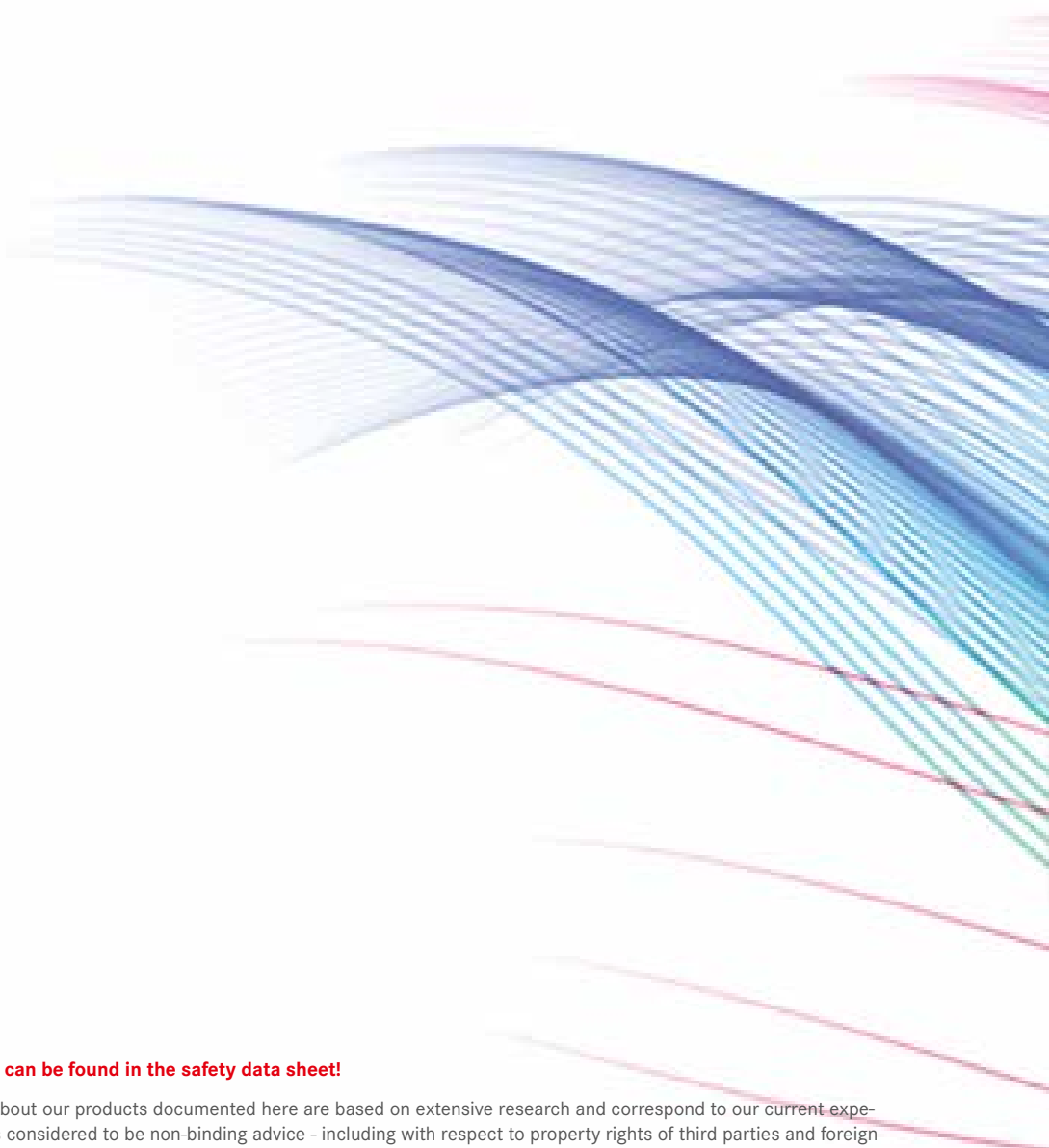
	Sodium hydro-sulphite / Sodium dithionite	BIOREDUKT TOP-NS	STABILTHREN X
Consistency	solid	liquid	liquid
Chemical base	sodium hydrosulphite	preparation of polyhydroxy aldehydes and dispersants	alkaline preparation of inorganic salts
Smell	pungent smell of sulphur dioxide	mild	odourless
Ionic	non-surface-active	anionic	non-surface-active
*Stability (depending on the application)	30 min	45 min	dependent on the application
Ecology	sulphurous	sulphur-free and nitrogen-free	sulphur-free and nitrogen-free
Areas of application	reductive post purification of PES and PES/CO, dyeing with vat dyes, dyeing with sulphur dyes	reductive post purification of PES and PES/CO	reductive post-cleaning of PES and deep CT staining, dyeing with sulphur dyes, dyeing and printing with vat dyes, reductive bleaching - specifically of alkali-sensitive materials, removal of false stains, decoction of apparatus, desulphurisation, dechlorination, peroxide removal
Mode of operation and amount used	discontinuously 4.0-6.0 g/l	discontinuously 0.5-4.0 ml/l	discontinuous and continuous use depending on the application

*Stability has been tested to 30% loss of effect



TECOREDUKT 1000	TECOREDUKT BRS FL.	TECOREDUKT RMF FL.	TECOREDUKT SRM 235 %	TECOREDUKT WBC FL.
solid	liquid	liquid	solid	liquid
organic reducing agent	preparation of organic sulfinic acid derivatives	combination of inorganic salts	preparation of organic sulfinic acid derivatives	preparation of an inorganic reducing agent and complexing agent
low odour	sulphur-like	odourless	characteristic	characteristic
non-surface-active	non-surface-active	non-surface-active	non-surface-active	anionic
120 min	180 min	180 min	180 min (alkaline) 240 min (acid)	180 min
completely biodegradable	easily eliminated	free from hazardous ingredients	easily eliminated	sulphurous
reductive post-cleaning of PES and PES/CO, reductive bleaching, removal of false colouration, decoction of apparatus	acid reductive post-purification of PES and PES/CO, alkaline reductive post-purification of PES and PES/CO, acidic reductive bleaching of WO and PA/WO	reductive post-purification of PES and PES/CO	acid reductive post-purification of PES and PES/CO, alkaline reductive post-purification of PES and PES/CO, acidic reductive bleaching of WO and PA/WO	fibre-friendly, mild reducing agent to minimize fibre yellowing of WO and other protein fibres
discontinuously 0.3- 1.0 g/l continuously 1.0-4.0 g/l	discontinuously 1.0-7.0 ml/l continuously 2.0-4.0 ml/l	discontinuously 1.0-2.0 ml/l continuously 2.0-8.0 ml/l	discontinuously 0.25-5.0 ml/l continuously 1.0-2.0 ml/l	discontinuously 2.0-4.0 g/l





Further instructions for safe handling can be found in the safety data sheet!

The recommendations and information about our products documented here are based on extensive research and correspond to our current experience in textile finishing practice. This is considered to be non-binding advice - including with respect to property rights of third parties and foreign legal regulations - and does not exempt the user from testing the product and procedures for their suitability for use. In particular, we assume no liability for purposes not expressly stated in writing by us. We reserve the right to make technical changes during product development. In the event of damage, we refer to our General Terms and Conditions of Sale and Delivery, Section 7.



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Textilcolor AG | Schildstrasse 2 | CH-9475 Sevelen | Tel. +41 (0)81 786 11 - 11 | Fax 0041 (0)81 786 11 - 22 | mail@textilcolor.ch