

**European Dyestuffs Producer**  
*For Paper Industry*



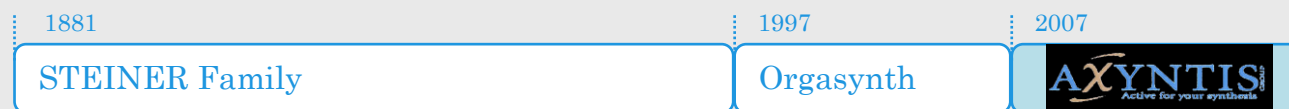
Let your  
***True Colours***  
Shine Through

# PRESENTATION



## HISTORY :

Created in 1881 STEINER is a subsidiary of the Axyntis group since 2007.



## FACILITY :

STEINER plant is located in Saint Marcel, 70 km west from Paris. As European Dyestuffs Producer STEINER offers real industrial expertise and controls each critical stages in the synthetic dyes production.



In addition to manufacturing capabilities, Saint Marcel plant has its own R&D, Safety and Environmental resources and manages the REACH certification of its product ranges.

STEINER is certified ISO 9001 and ISO 14001.



## MARKETS :

With its skilled and experienced team STEINER promotes its dyestuffs ranges and provides the technical support of its application laboratories to different market segments :



## PRODUCTS :

STEINER produces and blends several ranges of dyes both in liquid and solid phases. Each of them are adapted to market segments.



- DIRECT Ranges**
- CELLUSOL (Liquid)
  - DIRECT (Powder)
- BASIQUE Ranges**



- SOLVENT Ranges**
- GOM (Fiscal)
  - CARBUREX (Non Fiscal)



- ACID Ranges**
- PELACIDE
  - STENOCHROME
  - STENODERME
  - STELANE



- PIGMENT Ranges**
- VISCOLOR
  - STENACOLOR



# PAPER Industry



## DIRECT Dyestuffs :

CELLUSOL & DIRECT are highly substantiv direct dyes. They have been selected for their toxicological properties and show bright shades, good light and bleed fastness properties.

CELLUSOL are liquid while DIRECT are powder dyestuffs. Both are synthesised and/or formulated in our Saint Marcel plant.



## BROWN CELLUSOL for Packaging :

STEINER has designed a single model for the production of its BROWN CELLUSOL range. It is based on 3 different brown dyes that can be customized to obtain the target shade. Our broad portfolio of products gives us the ability to improve your costs by decreasing the expensive shading colour ratio. Our solutions are economic for both stock and size-press dyeing.

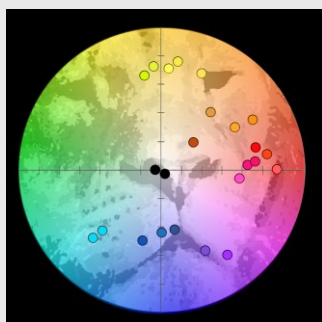


Product ranges	Shade	Ionicity	Bfr XXXIV	Viscosity mPa.s	pH @ 20°C	Density @ 20°C	Light Fastness
Cellusol® Brown PNF	dark	anionic	ves	< 25	9 – 11	1.05	2 - 3
Cellusol® Brown GH	vellowish	anionic	ves	< 25	9 – 11	1.07	3 - 4
Cellusol® Brown NNF	reddish	anionic	ves	< 25	9 – 11	1.08	2 - 3

STEINER delivers CELLUSOL in bulk and containers all across Europe. The commitment of its supply chain makes STEINER a reliable and highly reactiv supplier.



## CELLUSOL & DIRECT for Coloured PAPERS :



STEINER proposes a full range of coloured dyestuffs in liquid and powder form which can be used in various paper applications. Most of our CELLUSOL and DIRECT are classified ECOLABEL.

TISSUE Papers

GRAPHIC Papers

SPECIAL Papers

CELLUSOL & DIRECT are packed in containers and drums. Upon quantities they can be mixed or packed upon request.

STEINER formulates also PIGMENT water dispersions, under the brand VISCOLOR, that can be used for high light resistance papers or to reinforce white paper brightness.






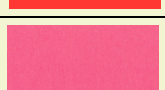
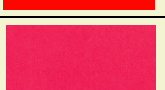
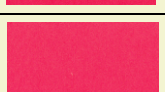

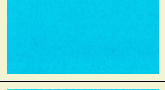

## Technical assistance :

In order to match your targeted shades, STEINER application laboratories are able to provide, upon request, colour recipee.

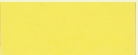

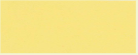



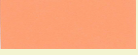





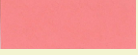
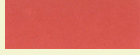



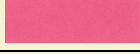

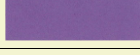




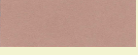
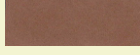


STEINER skilled colouration expert team might provide technical assistance during your industrial trials on paper machine.



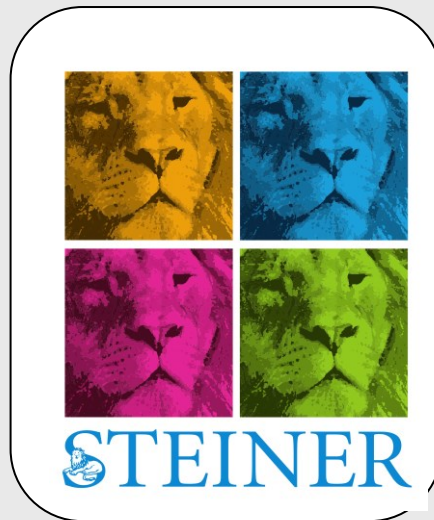
# CELLUSOL Liquid Range

0,5 %	2 %	Product Name	Light Fastness	Backwater	24h Water Bleed Fastness
		Yellow CELLUSOL 6J	3	4-5	3-4
		Yellow CELLUSOL 3J	3-4	4-5	4-5
		Yellow CELLUSOL J	2-3	4-5	5
		Yellow CELLUSOL A 200%	1	4-5	4-5
		Orange CELLUSOL P2RN	1	4	5
		Orange CELLUSOL 4JN	2	4-5	4-5
		Brown CELLUSOL N-NF	2	4-5	4-5
		Brown CELLUSOL PNF	1	4	4-5
		Scarlet CELLUSOL 4B conc	1	4-5	5
		Red CELLUSOL EB 160	2	2	3
		Red CELLUSOL 3B	3	4-5	4
		Red Brilliant CELLUSOL 4GE 200%	1-2	4	2-3
		Violet CELLUSOL 5B 150%	2-3	4-5	5
		Blue CELLUSOL 2 RD	4	5	4-5
		Blue CELLUSOL SP	1	4	3
		Turquoise CELLUSOL CJL 66 %	4	4-5	3
		Turquoise CELLUSOL R	5	4	4
		Black CELLUSOL VST 130%	2	3-4	4

# DIRECT Powder Range

0,25 %	1 %	Product Name	Light Fastness	Backwater	24h Water Bleed Fastness
		Yellow DIRECT P6J 250 %	3	4	5
		Yellow DIRECT P3J 600%	4-5	5	5
		Yellow DIRECT Solid A conc	1	4-5	4-5
		Orange DIRECT P2RN	1	5	4-5
		Orange DIRECT WS	1	5	5
		Orange DIRECT 7JL 180 %	3	4	4-5
		Scarlet DIRECT 4B	1	4	4-5
		Red DIRECT lumière 8B 166 %	1-2	4	4-5
		Red STENACTIF H3B	1-2	2-3	4-5
		Violet DIRECT Lumière 5B 300%	2-3	4-5	5
		Blue DIRECT Lumière R 200 %	3-4	5	5
		Turquoise DIRECT Lumière GRL 300 %	5	2-3	4-5
		Brown DIRECT Lumière RL 130 %	2-3	5	5
 1 %	 3 %	Black DIRECT OB Concentrated	3-4	4	4-5





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