



We develop products and services that create value and simplify the lives of our customers around the world.



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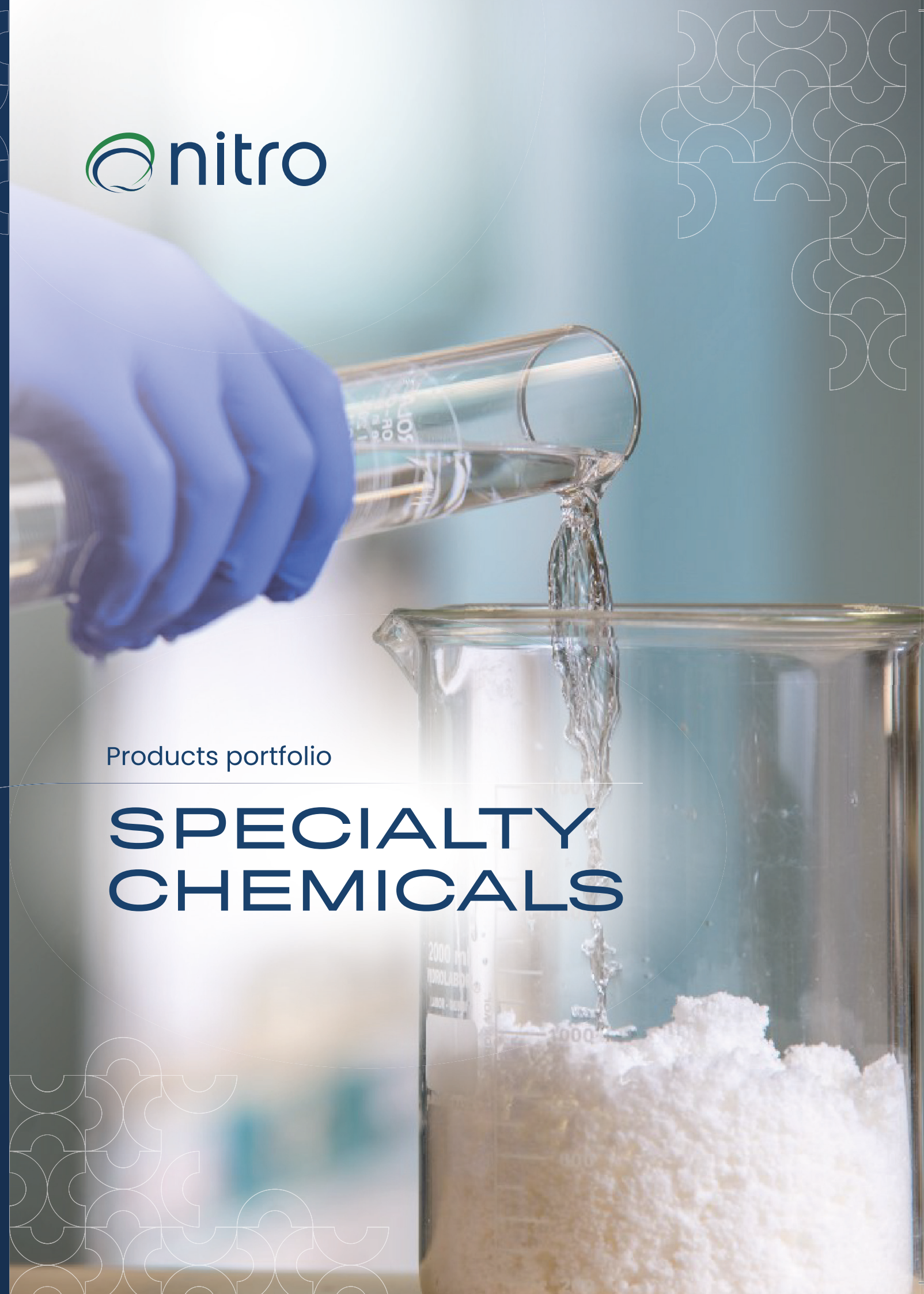
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Products portfolio

SPECIALTY CHEMICALS



ABOUT US

Nitro is a global leading company in the production of nitrocellulose and solutions derived from this product, with more than 80 years of tradition and expertise.

We develop products and services that improve our customer's productivity in several paints and coatings markets around the world.



The COTTON line covers all variations of industrial nitrocellulose in cotton format, including viscosity, nitrogen content, and damping agent used.

At COTTON it is possible to find products with different specification ranges for various segments that use nitrocellulose, such as printing inks, nail polish, wood, automotive refinishing, pharmaceuticals, and many others.

We are careful to develop them according to the characteristics required for each of these markets, allowing our customers to formulate varnishes and paints with excellent technical properties, such as fast drying, film formation, gloss, and compatibility with various resins.

NITROCELLULOSE

Discovered in 1832, nitrocellulose came to be widely used in the manufacture of paints and varnishes, providing these products with easy-to-apply and fast-drying finishes. Used in various segments, over the years, the resin has kept up with the technological demands of each application, providing quality to the final product.

In addition to its technical properties, it has great sustainable appeal, as its main raw material is cellulose. Nitrocellulose is an extremely versatile resin and its use provides a series of properties to paints and varnishes, which explains its application in various segments. Among the benefits of nitrocellulose are:

- Compatibility with different resins and plasticizers;
- Solubility in various organic solvents;
- Low retention of residual solvents;
- Fast drying;
- Formation of films with excellent optical properties;
- Atoxicity;
- Absence of odors.



Damping Agent			
Nitrogen Content	Product	Isopropanol (IPA)	Ethanol (ETH)
Ester Soluble (ES)	2000	●	●
	1000	●	●
	400	●	●
	175	●	●
	80	●	●
	40	●	●
	20	●	●
	6	●	
	3/4	●	●
	1/2	●	●
	1/2	●	●
	3/8	●	●
	1/4	●	●
	1/4	●	●
	35	●	●
Alcohol Soluble (AS)	25	●	●
	15	●	●
	4		●
	1/2	●	●
	1/4	●	●
	37		
	35	●	●
	25	●	●
	17	●	●