



Cassis International Companies

Serving the textile industry

**Sizing products for cotton fibers
and their blends**



F. Cassis

In my professional life my objective in the Sizing Process has been :

To simplify the Sizing Process offering compounds instead of five to six different products for the same purpose.

To supply products which are ecological, biodegradable and non-toxic.

To reduce the cost of sizing.

To collaborate with our customers in order that they reach better quality and efficiency, offering tailor made compounds adapted to the necessity of each customer .

For these reasons , after 50 years of work and cooperation,
I believe that I have accomplished the above four objectives.

F.Cassis
President



Now at this moment in different places of the world, there are people occupied in solving the inconveniences generated by the use of chemicals products for sizing which are not suitable for the textile industry. Cassis International Group has been occupied in finding solutions to this inconvenience by offering to the market products of excellent quality which are totally ecological, biodegradable and non-toxic.



Cassis International Companies.



Platform of Commerce

Europe

África

Middle East

Américas

Asia

High infrastructure levels.

Production Plants:

Uruguay - Free Trade Zone of Colonia
Brasil - Sao Paulo
Argentina - Buenos Aires

Deliveries may be done from any of our plants, and customers can choose which is most convenient for them.

Production Capacity:

Our capacity of production is increasing constantly, we are able and prepared to supply our products to any part of the world immediately upon request.



Locations

Cassis Group

Uruguay



In 1983 the Cassis Group is established in Latin America from it has been supplying its products to the international market.

Brasil



Argentina



Mr. F Cassis since 1945 has developed his Sizing products in Europe, and in many other places in the world. Since then the Cassis Group offers to his customers technical and economical advantages which are granted with the experience of more than 60 years as manufacturers of sizing products.

**OUR PRODUCTS ARE ENTIRELY BIODEGRADABLE & ECOLOGICAL
EXCELLENT STIFFNESS IN ALL THE PROCESS (6.5 - 15 lbs.).
ECONOMICAL ADVANTAGES
TECHNICAL ADVANTAGES**

More economical than others mixtures for the same use.
It is a complete product, it needs no additives of any kind.
The type of viscosity is selected depending on the different needs.

It is a high concentrated product.

It doesn't deteriorate in storage.

Over a 70% reduction in storage space and transportation economy.

Easy dissolution (one minute only).

It makes no powder if used under normal conditions of cooking, concentration and humidity.

It is a complete product, which avoids the purchasing of

many different products (such as PVA, CMC, or Acrilic, Wax, or anti - static 's etc) in order to make mixtures.

It makes the sizing cost go down at least a 30%.

It avoids stains on the yarn when the sizing machine stops, making the second quality fall in a very notable way.

Makes calculations of costs easier.

It make no powder on looms or over the sizing machine which increases quality.

100% Active product.

Only two products are used in the recipe: SUPERSIZE and Modified starch, or SUPERCOL and virgen strach.



Mixture are easily prepared to avoid the weight and loss of product.

Presentation: Bags of 25 Kgs. Containing 10 small bags of 2.5 Kgs. Each).

The quantity of SUPERSIZE or SUPERCOL is added in recipes that can vary form 10 to 15 % in relation to the quantity of starch used, according to necessities.

Can be used with all types of starch: Corn, Tapioca, Potato, Rice.

It can be used in any kind of equipment.

Great steam economy, reaching the boiling point, the product is ready to be used in the sizing machine, 2 minutes (High pressure) or 5 minutes (Open Kettle).

Viscosity and concentration does not vary from the beginning to the end of sizing process.

It can be stored for a long time without any quality alteration or change.

It can be used on ring, open end, and flamme yarns.

It can also be used to size blue indigo by rope or by


continuous process.

98% efficiency can be obtained on high speed looms.

No stains are produce at stops of sizing machine, reducing the second quality percentage to 0.08% in 100 Mts.

No polymerization on yarns neither break of needles is obserbed, as it doesn't contain PVA, CMC or Acrilics.

If by any reason the sizing machine stops for a long time, the yarn does not stick together, it is only needed to return the temperature level to 80/90 degrees in the sizing box.



The Cassis International Companies has been supplying Sizing products for more than 60 years. This success does not have one explanation, It has many

- **Developments of products according to the necessities**
- **Technical assistance**
- **Constant innovation**
- **Immediate delivery**
- **Continuous improvement**
- **Solid economic background**
- **Technical information**
- **Competitive pricing**
- **Compromise with our customers**
- **Products of high quality**
- **Biodegradable product**



Samim Cassis

Director



Myriam Ruiz

Logistics

Brief

In 1983 is established in Montevideo Uruguay Cassis Internacional Chimica S.A.

At this time this venture only attended the necessities of the local market.

Due to the opening of the market to other countries in South America, a facility for production of 2000 m² is build in the Free Trade Zone Colonia Uruguay.

The headquarters of CIC are in Montevideo which is the base of operations. From there the directors of the company coordinate the activities of the group with their customers and agents throughout the world. In Argentina, Brazil, Colombia, Mexico, Paraguay, Middle East, and Asia is where today We have active presence.

The logistic coordination is done from the headquarters in order to define from where the shipments of containers will be sent to the different destinations in order to have the most economical cost of transportation for the end users of our products. Our production capacity is regulated according to the needs of the market and it is manufactured with high standards of quality, and controlled by environment dispositions made by different government and private institutions of Uruguay.

The Cassis International Group is characterized for having a flexible production adapting itself to the requirement of the demand able to cover in the international market.

Our motto is to supply our customers of the best service and quality being innovators and only ones in the world to produce sizing products which are ecological, biodegradable and non-toxic.

Following this rule, our commercial department supplies free samples in order to make trials where the textile mills and their engineers will observe and see the advantages of our sizing products.

We give technical assistance through our technicians which are highly trained in order to make and follow up the trials made with our products.

As mentioned before we have in our staff specialized engineers in sizing and weaving in order to give global advice in the moment of implanting our products. For this reason our agents are constantly trained by our staff in order to assist the customers.

Cassis Uruguay.



In all of our plants we have a staff composed of chemical engineers, professionals and technicians of all the areas, working in a team to obtain the principals objective of the company and the constant improvement of the use of our sizing products.

In this way, our assistance department is constantly at the service of our customers to help them obtain their goals with the development of our products.





Rosana Galletta
Manager

Brief

Cassis Internacional Quimica S.A. is a member of the Cassis Internacional Group. Was established in 1983 in Buenos Aires, Argentina and supplies customers in Argentina having a market share of 30%

From 1990 with the new global economic politics implanted by the government this opened the local market to imports with very low import duties, the textile industry suffered high consequences, meaning shut down of mills, lower production, etc.

Cassis International Quimica thanks to its commercial flexibility and continuous investment, came out of this period victorious and strengthen, gaining the image of being a company dedicated to its customers, always offering its sizing products of excellent quality and continuous innovation and competitive prices..

After the year 2000, product of the devaluation of the local currency, the textile industry reemerged with strength and Cassis Argentina increased again in the participation reaching a 45% of the market share.

Our objective is to keep growing day by day with effort and always with the same goal that is to supply our customers with the best service, best quality which was and is our motto.

Cassis Argentina.





Leonardo Normey
Technical Manager



Andrea Affonso
Administrative Manager

Brief

Cassis International do Brazil Ltda. a member of the Cassis International Group, was established in Sao Paulo Brazil in 1985.

With its own facility, produces and sells sizing products for textile fibers, this is why it is necessary to point out that we have in mind always to research on the sizing process.

With this motto the company together with its engineers, technicians and customers have specialized in the development of a large range of sizing products which are unique, exclusive that attend to the most different types of yarns to be sized. At the same time we facilitate and optimized the work in the mills of our customers, suggesting and looking for solutions through a continuous work of communications between our engineers and the mill technicians which gives a result of obtaining higher quality on the finished products, as well on the human aspect by making it easier to work with out products. Always respecting the most rigid controls of quality and environment.

This is why our company has a high conscience towards the ecological matters, and was, and is the first company to manufacture sizing products which are totally natural therefore are biodegradable, ecological and non-toxic.

In this way is that Cassis Brazil supplies to very important weaving mills in all Brazil. Always adapting to the most peculiar needs, such as: production, weather, economical and human requirements.

As a result of the past 20 years which Brazil went through different periods of turbulences, instability changes on the economic government plan, revaluation and devaluation of the local currency, opening the local market to import we have gained technical and intellectual experiences which able us to maintain ourselves in this Brazilian market.

In all these periods and today our company enjoys a well known name in the textile industry, especially in what has to do with sizing.

Cassis Brasil.

Our Staff





C.I.C.

ENVIRONMENTAL COMPROMISE

The sizing products manufactured by the Cassis International Group are made under the most strict environment and quality controls dictated by different private and public organizations in Uruguay.

They are products which are totally ecological, biodegradable and non-toxic which serve to the development of the textile industry. For this reason the sizing products made by the Cassis international Group are used by companies which are determined and committed not to contaminate the environment