QUIMSER



2024

PRODUCT CATALOG

Beamhouse

Tanning & Retanning

Fatliquoring

Finishing



ROADMAP TO
ZERO

Sustainable Chemistry for a greener tomorrow

Sustainability and excellence are our essence. Our leather chemicals not only respect its natural quality but also reflect our commitment to the environment. Our ZDHC certification is a testament to our journey towards responsible chemistry and a greener future.



Quimser was founded in 1966 by Salvador Esquerra Romeu, who started supplying chemicals products to the leather industry.

He began trading in the heart of the leather tanning area of Igualada, one of Europe's most traditional and respected centres of tanning, with one of the greatest levels of activity and production. Soon afterwards the business moved to a small facility located in Òdena, near Igualada, where he started to produce the first powder products using vegetable extracts for the manufacture of sole.

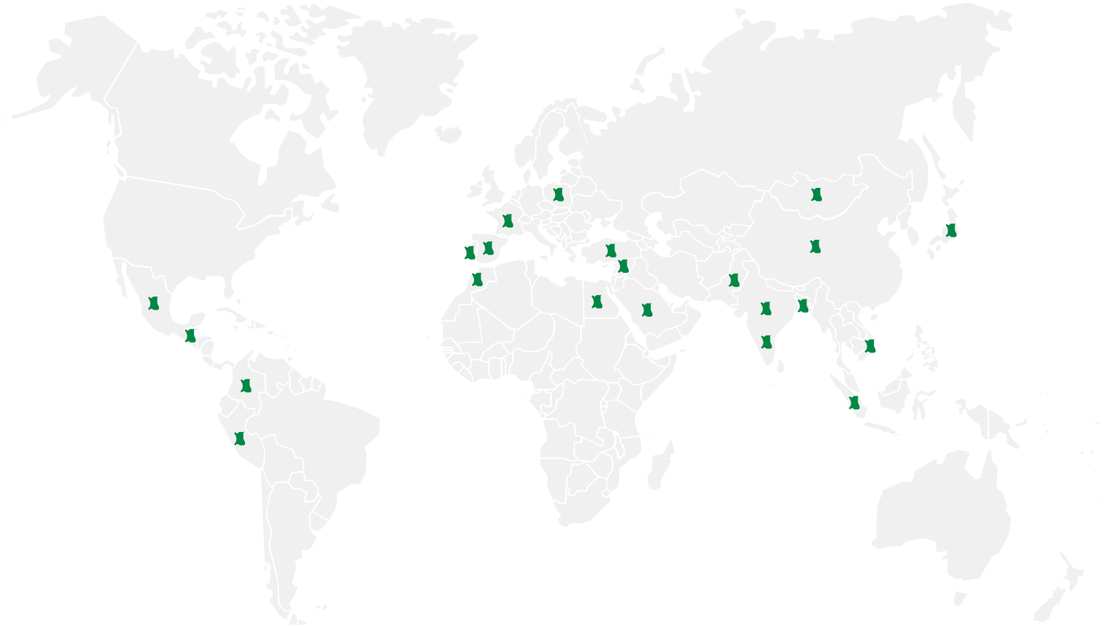
In the mid 1970's **Quimser** started to build in the industrial area of Pla de la Masia. This original custom-built property has been enlarged and transformed over the years into the three warehouses that exist today. The gradual incorporation of new staff and new facilities has enabled the expansion of its product range, from chrome liquors, powder products, liquids and fatliquors, to a full range of specialities for all the phases of tanning and finishing leather.

In 1984 **Quimser** was transformed into a corporation with the founder's family as shareholders. Nowadays Quimser is a deeply rooted family business that exports around two thirds of its products.

Leather Chemicals since 1966

More than 30 years of experience in exports.
We are present in more than 25 countries on 4 continents.

Bangladesh · China · Egypt · France · Japan · India · Indonesia · Pakistan · Peru · Portugal Poland · Saudi Arabia · Spain · Syria · Turkey · Mexico · Mongolia · Morocco · Vietnam · Guatemala · Colombia



We are well-equipped to offer exclusive service

Our industrial facilities are suitable for the research, development, manufacturing and testing of an extensive variety of chemicals products for the leather industry.

Laboratories

- Research, development and innovation
- Product quality control
- Industrial tests

Offices

- Commercial
- Technical office
- Administration
- Management and sales

Manufacture plants

- Powder products
- Liquid products/ reactors
- Finished products

Warehouse

- Raw materials
- Dispatch of finished products

We produce a wide range of products for the leather industry that cover all stages of the manufacturing process, from the beamhouse and the wet-end to the finishing.



Beamhouse

Products used for the initial treatment phase to transform the skin into leather.
We produce special products for soaking, degreasing, preserving, liming, deliming, bating, pickling and basifying agents.



Tanning & Retanning

We have a wide range of tanning, neutralizing and retanning products. Tanning and retanning agents in liquid or solid form with excellent properties.



Fatliquoring

We produce a bread portfolio of leather fatliquors with excellent application results. They provide the leather with roundness, fullness, compaction and excellent fiber lubrication, giving a smoother leather cut.



Finishing

A complete range of finishing products to obtain high quality articles. “Waxes caseins, aqueous pigments, metallic dyestuffs, pull up oils, solvent and aqueous lacquers, acrylic and polyurethane resins.”

We do not just sell products, we provide solutions

Quimser is not only committed to supply the best chemicals to the customers but also to provide the necessary technical support, and to select and apply the products that best fit the production processes and the demands of quality and design of products and leather articles.

The technical-commercial team is highly-trained to offer the required pre and post sales customer service.
Quimser maintains a commercial network on four continents.

Certificates

ISO 9001
ISO 14001
BUREAU VERITAS
Certification

REACH
COMPLIANCE

Ø ZDHC
Zero Discharge of Hazardous Chemicals

LEATHER
NATURALLY

LEATHER CLUSTER
BARCELONA



Catalogue

Welcome to our catalogue. Here you will find the complete range of our products with all their especifications.

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Beamhouse

Degreasing / Soaking

Preserving

Liming/ Dehairing

Deliming

Bating

Basifying



Products used for the initial treatment phase to transform the skin into leather. We produce special products for soaking, preserving, liming, deliming, bating, pickling and basifying agents.

DEGREASING / SOAKING

Product	Composition	pH.	A.M.	Description
TRD-27	Surfactants, water and additives.	8,0	35%	Very effective soaking, wetting and degreasing agent. Recommended for hides/skins with high fat content and for all beamhouse processes. Very effective for small leathers (Sheep, Goat, Mutton...).
TRD-72	Surfactants, water and additives.	7,0	50%	Very effective soaking, wetting and degreasing agent. Recommended for hides/skins with high fat content and for all beamhouse processes. Very effective for small leathers (Sheep, Goat, Mutton...).
TRD-78	Surfactants, water and additives.	7,0	31%	Standard degreasing. Very effective soaking and wetting agent. Recommended for hides/skins with high fat content and for all beamhouse processes. Very effective for small leathers (Sheep, Goat, Mouton...).
TRD-90-E	Surfactants, water and additives.	8,0	10%	Economical surfactant, cleaning, soaking.
TRD-WB-A	Surfactants, salts and additives.	1,5	20%	Conditioner to be used in Wet-Blue leathers as a cleanning, wetting and bleaching agent, to even the Wet-Blue leather state. It removes the old chrome particles and cleans the Wet-Blue surface. It prepares the leather in Wet Blue to achieve a good penetration of the products duning the next processes. It can recover the old-wet-blue after long time storage.
TRD-62	Surfactants, salts and additives.	6,6	25%	Surfactant with emulsifier effect. Fatliquoring auxiliary.

PRESERVING

Product	Composition	pH.	A.M.	Description
ANTIBAC RC	Based on tiocyanate substances.	4,0	30%	Fungicide. Used mainly in the pickle phase, wet-blue and the fatliquoring processes. Water soluble preserving products to prevent the development of fungi and the skin putrefaction. The active substances of the products have a wide range of action, covering fungi, bacteria, yeast...
ANTIBAC Z	Based on dithiocarbamate substances.	9,5	40%	Bactericide. Biodegradable. Used mainly in soaking and wetting processes.

LIMING/ DEHAIRING

Product	Composition	pH.	A.M.	Description
BACTOL EN	Amine and organic derivatives.	8,0	15%	Anti-wrinkle, dehairing agent, liming and sulphur solubilizer. It accelerates the lime penetration and solubilization, and it is suitable to achive: - A better attack of sulphur linkages and hair roots which enable the hair removal and a cleaner and finer grain. - Better attack on the fibers, relaxing them and providing elasticity to have a greater area on the skin. - The reduction of contamination charge, due to a reduction of lime and sulphur.
TRD H	Surfactants, enzymes and additives.	11	100%	Active soaking and wetting auxiliary. Its low enzymatic activity of 500 LVU permits a safe work.
TRD HB	Masking-alkaline products.	10	100%	Alkalinity stabilizer in the soaking and liming processes, which improves the quality of the skin compared to other alcalinizing products.

DELIMING

Product	Composition	pH.	A.M.	Description
RESKAL NC-7	Mixture of organic and inorganic salts.	1,5	100%	High penetration. Smooth. Ammonium free salts. Products that provide softer, smoother, more elastic, tighter and more compact leathers.
RESKAL S	Mixture of organic and inorganic salts.	2,0	100%	Products that provide softer, smoother, more elastic, tighter and more compact leathers.
RESKAL L	Mixture of inorganic salts acids.	1,5	47%	Deliming liquid product without ammonium salts that provide softer, smoother, more elastic, tighter and more compact leathers.

The total neutralisation and solubilisation of lime remains is achieved through acidification with buffing products of slow reaction.
They easily form soluble limming salts.
The use of **RESKAL** promotes a progressive reduction of leather swelling and an optimal action of deliming products. The slow and buffed action of **RESKAL** enables a total penetration of deliming products inside the leathers.
They permit a correct pH adjustment and prepare the leather for a perfect work with bating products.

BATING

Product	Composition	pH.	A.M.	Description
RINDOL RN-N	Enzymatic mixed salts and inert charges.	7,5	100%	Alkaline bating. 1000 LVU.
RINDOL RN-C	Enzymatic mixed salts and inert charges.	7,5	100%	Alkaline bating 1500 LVU.
RINDOL WB	Enzymatic mixed salts and inert carges.	6,5	100%	Acid bating to be used in wet blue. 1000 LVU.

Effective enzimatic products that assure an excellent bating.
The bating aim is to break and eliminate the nerve fibers, elastin and others, in order to obtain softer, more elastic and flexible leathers with clean surface.
The optimum bating effect will be reached at Ph= 7,5-8 and temperature of 35-40ºC.
Our bating products are eco-friendly because they are ammonium free.

BASIFYING

Product	Composition	pH.	A.M.	Description
OMPLEX BM	Alkaline basifying salts. Magnesium oxide base.	11,0	100%	High basifying ability and low masking ability. Light stabilizing effect and slow Cr basification.
OMPLEX R	Composition of alkaline basifying salts and masking agents.	8,5	100%	Medium basifying ability. Medium masking/complexing ability. Stabilizing effect. Maximum exhaustion of Cr2O3. Minimum polution. Perfect inner and superficial uniformity of Cr.

OMPLEX products have a duly studied alkalinity potential and a delayed action which grants penetration and fixation through the thickness of the leather and over its entire surface. At the end of tanning process, a proper pH is achieved. No stains caused by the basifying agent and evenness of wet-blue color resulting from different productions. High Cr exhaustion compared to other alkaline basifying agents like carbonates, bicarbonates, formates. **OMPLEX** products have other advantages in comparison with traditional products, as they form aggregate Cr complexes that provide full hides, finer grain, lighter color and less reactive hides, implying better penetration of retanning agents, fatliquors and dyestuffs. Additionally they allow to reduce the quantity of chrome used in the tanning process.



Tanning & Retanning

- ECO Tanning
- Mineral
- Synthetic polymers
- Syntans & natural polymers
- Syntans
- Filler
- Dispersing, Pretanning
- Neutralizing
- Eco-polymers
- Eco-resin
- Eco-melamine
- Eco-dicyandiamide
- Auxiliary

ECO Tanning

Product	Chemical	Negative points	Toxicity	Biodeg-radation time	Compostability	Water waste problem	ZDHC-MRSL restrictions
WET BLUE	Chrome III	Can produce Chrome VI.	Yes	Extremely long	Very bad	Very high	Yes
WET WHITE	Phenol Naphthalene Aldehyde Disulphone Triazine	Phenol and bisphenols derivates.	Yes	Medium	Very bad	Medium high	Yes
VEGETAL EXTRACTS	Mimosa Quebracho Chestnut Tara Others	Few producers in the world. Deforesta-tion	No	Medium	Regular-bad	High BOD	No
ALUMINIUM	Aluminium salts	No	No	Medium	Regular	Medium high	No
SERTAN WT	Zeolite	No	No	Short	Excellent	No	No

SERTAN WT

Quimser's laboratory (R+D+I) cares about finding alternatives and solutions to help the future of the sector through actions such as:

- Eliminating the use of chromium salts
- Economising the water used
- Waste water with low environmental impact
- Reducing time processes (electricity consumption)
- Obtaining leathers highly biodegradable
- Using environmentally friendly chemicals

For this reason, we have developed **SERTAN WT:** a raw material that is more respectful of the environment with wastewater that does not generate problems. The aim is to respond to the aforementioned points and provide solutions for a world that is increasingly demanding about the impact that processes and products generate on the environtment.

With **SERTAN WT** we obtain white leathers, with very low or non-existent oxidation, shrinkage temperature: 80-85. We have realized that the resulting leather is highly biodegradable. At Quimser we defend this product as an alternative to ecological leathers, since it is a component that is not restricted and has multiple uses in other sectors that consider it an eco-friendly substance: food, agriculture, cosmetics, etc.

SERTAN WT

Specifications:

- **Chemical composition:** Organic, and inorganic salts
- **Appearance:** Solid in powder.
- **Colour:** Ivory
- **pH:** 5,5±0,5
- **Charge:** Anionic

General properties:

SERTAN WT is a chemical free of phenol, naphthalene, sulfone, aldehyde and formaldehyde.

In the retanning combinated with vegetable tannins, the leather obtained has extra softness with increased fullness without altering its caracter of vegetable leather.

SERTAN WT gives excellent filling effect in the loose parts of the hide. It can minimize the usage of polymers and resins. It also eliminates the usage of glutaraldehyde based tanning agents. It is compatible with other anionic synthetic, natural tanning and retanning agents.

Leather tanned with **SERTAN WT** has outstanding dyeing ability with brilliant dyeing effect and good uniformity. **It is also really good as a bleaching agent in the retanning process.**

Biodegradability

Biodegradability test nº3 sheepskin

TEST №3
Sheepskin

More info on
www.quimser.com





We have a wide range of tanning, neutralizing and retanning products. Tanning and retanning agents containing excellent properties are available in liquid or solid form.

TANNING & RETANNING

		ECO	FUR	GARMENT	UPHOLSTERY	AUTOMOTIVE	SHOE NAPPA	SHOE UPPER	SUEDE	NUBUCK	VEG. LEATHER	SOLE	VAQUETA	GLOVE	SPLIT
ECO TANNING	**SERTAN WT**	ECO	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓
MINERAL	**SERTAN AL**	ECO	✓		✓	✓	✓	✓	✓	✓					✓
	SERTAN CO				✓	✓	✓	✓	✓	✓					✓
	SERTAN CA		✓	✓	✓	✓	✓	✓	✓	✓					
	SERTAN CHB			✓	✓		✓	✓	✓	✓					
SYNTHETIC POLYMERS	**SERTAN RR**			✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓
	SERTAN RPC		✓	✓	✓	✓	✓	✓	✓	✓				✓	✓
	SERTAN POL		✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓
SYNTANS & NATURAL POLYMERS	**SERTAN BK**			✓	✓		✓	✓	✓	✓					✓
	SERTAN BX				✓	✓	✓	✓	✓	✓					✓
	SERTAN BR	ECO		✓	✓		✓	✓	✓	✓	✓		✓		✓
SYNTANS	**SERTAN ALD**		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	SERTAN BSF		✓	✓	✓	✓	✓	✓	✓	✓				✓	✓
	SERTAN BSP		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	SERTAN BM				✓	✓	✓	✓	✓	✓					✓
	SERTAN ELB-N			✓	✓	✓	✓	✓	✓	✓				✓	✓
	SERTAN ELB-C			✓	✓	✓	✓	✓	✓	✓				✓	✓
FILLER	**SERTAN F**				✓	✓	✓	✓	✓	✓	✓		✓		✓
	SERTAN FF				✓	✓	✓	✓	✓	✓	✓		✓		✓

TANNING & RETANNING

		ECO	FUR	GARMENT	UPHOLSTERY	AUTOMOTIVE	SHOE NAPPA	SHOE UPPER	SUEDE	NUBUCK	VEG. LEATHER	SOLE	VAQUETA	GLOVE	SPLIT
DISPERSING, PRETANNING	**SERTAN ND**	ECO		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NEUTRALIZING	**SERTAN N-PAK**		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	SERTAN N-N		✓	✓	✓	✓	✓	✓	✓	✓				✓	✓
ECO-POLYMERS	**SERTAN VGI**	ECO			✓		✓	✓	✓	✓	✓				✓
	SERTAN VHI	ECO			✓		✓	✓	✓	✓	✓				✓
	SERTAN VEM	ECO			✓		✓	✓	✓	✓	✓				✓
	SERTAN VXI	ECO			✓		✓	✓	✓	✓	✓				✓
	SERTAN VLI	ECO			✓		✓	✓	✓	✓	✓				✓
	SERTAN VTI	ECO			✓	✓	✓	✓	✓	✓	✓				✓
ECO-RESINS	**SERTAN RN-S**	ECO	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓
	SERTAN RN-V	ECO		✓	✓	✓	✓	✓	✓	✓	✓		✓		✓
ECO-MELAMINE	**SERTAN RD**	ECO	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓
ECO-DICYANDIAMIDE	**SERTAN DC**	ECO			✓	✓	✓	✓	✓	✓					✓
	SERTAN DX	ECO			✓	✓	✓	✓	✓	✓					✓
	SERTAN DCB	ECO			✓	✓	✓	✓	✓	✓					✓
AUXILIARY	**SERTAN CR-6**			✓	✓	✓	✓	✓	✓	✓				✓	✓
	SECCUSS FE		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	SERFIX AF		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

ECO TANNING

Product	Composition	pH.	A.M.	Description	Light
SERTAN WT	Organic and inorganic salts with tanning properties.	5,5	100%	Nonpolluting tanning agent which can efficiently eliminate Basic Chromium Sulphate with great ease. **SERTAN WT** is compatible with other anionic synthetic, natural tanning and retanning agents. It is highly recommended in the manufacturing of all types of chrome free and wet white leathers. Combinate with vegetable tanning extracts, resultant leather indicates extra softness with increased fullness without altering vegetable character. SERTAN WT can be effectively used in salt free tanning system. It induced excellent plumping effect in the hides which results into efficient splitting and shaving. It imparts excellent filling effect in the loose parts of the hide which can minimize usage of polymers and resins. It also eliminates usage of Glutaraldehyde based tanning agents. Leather tanned with **SERTAN WT** possesses outstanding dyeing ability with brilliant dyeing affect. It has low specific gravity and the same can be also used in the manufacturing of very soft articles.	★★★★

★★★★ Excellent ★★★ Good ★★ Medium ★ Poor

MINERAL

Product	Composition	pH.	A.M.	Description	Light
SERTAN AL	Aluminium salts.	4,0	100%	Can be used as a tanning or retanning agent. We will use **SERTAN AL** for Wet White tanning process or fine fur with excellent tanning results, obtaining contraction temperatures necessary for the desired items. The product consolidates the skin fibers, obtaining good firmness. **SERTAN AL**, used as a retanning agent preferably before the neutralizing, we will give whiter leathers, good compactness and fullness that will help us to obtain leathers with closer plush after grinding. The product helps to obtain more intense and even dyes. We can use it for fixing the water-repellent oils by providing the required flexiometries.	★★★★
SERTAN CO	Synthetic-Chrome and proteins.	3,0	100%	It consolidates the fiber structure, and gives a tighter and smoother grain, good filling. Better response to dyeing, improving the intensity and evenness of dyes. Very suitablefor white or pasted shade.	★★★★
SERTAN CA	Chrome-Aluminium.	2,5	100%	It consolidates the fiber structure, and gives a tighter and smoother grain, good filling. Better response to dyeing, improving the intensity and evenness of dyes.	★★★★
SERTAN CHB	Synthetic-Chrome.	3,5	100%	It consolidates the fiber structure, and gives a tighter and smoother grain, good filling. Better response to dyeing, improving the intensity and evenness of dyes.	★★★

*All products are **cationic** and **could be mixed with water-based products.**

★★★★ Excellent ★★★ Good ★★ Medium ★ Poor

SYNTHETIC POLYMERS

Product	Composition	pH.	A.M.	Description	Light
SERTAN RR	Synthetic acrylic polymers and additives.	4,0	28%	Resin on softer acrylic base. Improves adhesion, fullness and tightness of the grain. Specially loose parts of the leather. It giving to the leather excellent light fastness with light weight and fluffy character.	★★★★
SERTAN RPC	Maleic acid styrene copolymer and additives.	8,0	20%	Resin on styrene-maleic base. Can be used in the any stages of the re tanning process after neutralization. It improve the grain, fullness and softness. Very suitable for all kind articles for closed and short plush. It increases the reactivity of surface when dying, obtaining more colour intensity. Improves the adhesion, the compaction and the elasticity of the fibers. Special for white leathers, giving to the skin a good light fastness.	★★★★
SERTAN POL	Synthetic polymers and additives.	4,0	34%	Resin on melamine base. Pre-tanning and tanning agent for all kind of leathers, specially for Wet-white, vegetable tanning and napa garments and shoes. Very good for tight grain. Improves adhesion, compaction and elasticity fibers. Special to get closer structure and short plush.	★★★★

*All products are **anionic** and **could be mixed with water-based products.**

★★★★ Excellent ★★★ Good ★★ Medium ★ Poor

SYNTANS & NATURAL POLIMERS

Product	Composition	pH.	A.M.	Description	Light
SERTAN BK	Syntan and vegetable polymer.	5,5	100%	Used to fill and compact the empty and frayed structures of the leather, giving good fullness in flanks and bellies It improves adhesion, elasticity, fibre compaction and buffing so it works specially well for closer structure and short plush.	★★★
SERTAN BX	Syntan and vegetable polymer.	5,0	100%	Used for filling and compacting the empty and frayed structures of the leather, giving good fullness in flanks and bellies It improves adhesion, elasticity, fibre compaction and buffing so it works specially wet to get for closer structure and short plush. It is suitable to avoid grain looseness in the leather to be milled.	★★
SERTAN BR	Vegetable extract mixture and natural polymers.	4,5	100%	Excellent retanning and filler properties through all parts of the skin, achieving maximum uniformity. Depending on the selected type of product and the quantity, we will get more compact, fuller or more hardened leathers. It consolidates the structure of the fiber, obtaining firmer and softer grain. It improves the intensity and eveness of dyes. It is soluble in hot water at 40-45ºC and its components are 100% of natural origin, formaldehyde free and 100% biodegradable.	★★

*All products are **anionic** and **could be mixed with water-based products.**

★★★★ Excellent ★★★ Good ★★ Medium ★ Poor

SYNTANS

Product	Composition	pH.	A.M.	Description	Light
SERTAN ALD	Aldehyde.	6,0	45%	Used in pre-tanning for wet-white and wet-blue operations, getting white color and very low oxidation. When used in wet-blue, it permits to reduce the chrome content. Improves the physical resistance of leathers.	★★
SERTAN BSF	Syntan and natural polymer.	4,0	100%	General dispersing agent for other retanning products, vegetable extracts, fatliquors or dyes. Better response to dying, improving the intensity and evenness of dyes. It can be used in pretanning wet-white. Used to fill and compact the empty and frayed structures of the leather, giving good fullness in flanks and bellies. Improves adhesion, elasticity, fibre compaction and buffing. Special to get closer structure and short plush.	★★★
SERTAN BSP	Syntan.	2,5	100%	It has excellent tanning power with dispersing character for other re tanning , vegetable extracts, .It can be used also as a amphoteric syntan. It is very suitable for white leather as well as better response to dying, improving the intensity and evenness of dyes. It can be used in pre tanning wet-white process.	★★★★
SERTAN BM	Syntan.	4,5	100%	Used for filling and compacting the empty and frayed structures of leather, giving good fullness in flanks and bellies. Improves adhesion, elastcity, fibre compaction and buffing. So it works specially well to get closer structure and short plush. They are suitable to avoid grain loseness in the leather to be milled. Special for white leathers. All products have good light fastness.	★★★
SERTAN ELB-N	White syntan.	3,0	100%	Retanning products based on synthetic polymers and specially used for filling and compacting the empty and frayed structures of the leather, giving good fullness in flanks and bellies. It improves adhesion, elasticity, fibre compaction and buffing so it works specially well to get closer structure and short plush. Suitable to avoid grain looseness in the leather to be milled.	★★★★
SERTAN ELB-C	White syntan.	2,5	100%	Whitening. Used to fill and compact the empty and frayed structures of the leather, giving good fullness in flanks and bellies.	★★★★

*All products are **anionic** and **could be mixed with water-based products.**

★★★★ Excellent ★★★ Good ★★ Medium ★ Poor

FILLER

Product	Composition	pH.	A.M.	Description	Light
SERTAN F	Bio-polymer and mineral charges.	6,0	100%	Filler used for filling and compacting the empty and frayed structures of the leather, giving good fullness in flanks and bellies.	★★
SERTAN FF	Bio-polymer and mineral charges.	7	100%	Economic filler. Filler used for filling and compacting the empty and frayed structures of the leather, giving good fullness in flanks and bellies.	★★

*All products are **anionic** and **could be mixed with water-based products.**

DISPERSING, PRETANNING

Product	Composition	pH.	A.M.	Description	Light
SERTAN ND	Polymer with sulfonic groups.	5,5	100%	Product with dispersant properties. Permitting an excellent dispersion and penetration of dyestuff and vegetal extracts. Penetrated and even tinctures are obtained. Based on natural source products. 0% Formaldehyde. 0% Bisulphone. Containing no products from petrol or any other banded product. The product is biodegradable, compostable and non-ecotoxic.	NA

*This product is **anionic** and **could be mixed with water-based products.**

NEUTRALIZING

Product	Composition	pH.	A.M.	Description	Light
SERTAN N-PAK	Alkaline salts and masking.	8,5	100%	Excellent buffering and neutralizyng ability of chrome-tanned leathers. It can be used as a dispersing agent of retanning and dyes.	NA
SERTAN N-N	Alkaline salts and masking.	8,0	100%	Standard neutralizing and complex-forming agent and mild basifying agent.	NA

*All products are **anionic** and **could be mixed with water-based products.**

★★★★ Excellent ★★★ Good ★★ Medium ★ Poor

ECO-POLYMERS

Product	Composition	pH.	A.M.	Description	Light
SERTAN VGI	Vegetable extract and natural polymer.	4,5	100%	Retanning compact based on Mimosa. **SERTAN VGI** imparts very good filling and soft compactation with good fullness. Suitable for all kind of articles when full, compact, round, smooth leathers are required. Are required it consolidates the fibre structure, and gives a tighter and smoother grain. Very suitable for pastel shade leathers. It is formaldehyde free and 100% biodegradable.	★★
SERTAN VHI	Vegetable extract and natural polymer.	4,5	100%	Retanning compact based on Quebracho type. **SERTAN VHI** imparts very good filling and soft compactation with good fullness. Suitable for all kind of articles when full, compact, round, smooth leathers are required. It consolidates the fibre structure, and gives a tighter and smoother grain. Very suitable for pastel shade leathers. It is formaldehyde free and 100% biodegradable.	★★
SERTAN VEM	Vegetable extract mixture and natural polymers.	4,5	100%	Vegetable extract mixture and natural polymers. Retanning compact. In retanning process it can be used as a quebracho substitute. Very good filling and good compaction. It penetrates easily into the leather due to its good solubility.	★★
SERTAN VXI	Vegetable extract and natural polymer.	4,0	100%	Retanning compact based on chestnut type. **SERTAN VXI** imparts very good filling and soft compactation with good fullness. Suitable for all kind of articles when full, compact, round, smooth leathers are required. It consolidates the fibre structure, and gives a tighter and smoother grain. Very suitable for pastel shade leathers. It is formaldehyde free and 100% biodegradable.	★★
SERTAN VLI	Vegetable extract and natural polymer.	4,5	100%	Retanning compact based on light mimosa type. **SERTAN VLI** imparts very good filling and soft compactation with good fullness. Suitable for all kind of articles when full, compact, round, smooth leathers. It consolidate the fibre structure, and gives a tighter and smoother grain. Very suitable for pastel shade leather. It is formaldehyde (0% free) and 100% biodegradable.	★★
SERTAN VTI	Vegetable extract and natural polymer.	4,5	100%	Retanning compact based on Tara type. **SERTAN VTI** imparts very good filling and soft compactation with good fullness. Suitable for all kind of articles when full, compact, round, smooth leathers are required. It consolidates the fibre structure, and gives a tighter and smoother grain. Very suitable for pastel shade leathers. It is formaldehyde free and 100% biodegradable.	★★★

*All products are **anionic** and **could be mixed with water-based products.**

★★★★ Excellent ★★★ Good ★★ Medium ★ Poor

ECO-RESINS

Product	Composition	pH.	A.M.	Description	Light
SERTAN RN-S	Natural resin.	7,5	35%	Bio-polymers as alternative to acrylic resins. Used to fill and compact the empty and frayed structures of the leather, giving good fullness in flanks and bellies, it improves adhesion, elasticity, fibre compaction and buffing. Special for white leathers and soft touch. It can be used to get closer structure and short plush. Suitable to avoid grain looseness in the leather to be milled. The products are 100% natural, biodegradable and formaldehyde free (0%).	★★★
SERTAN RN-V	Natural resin.	5,0	45%	Bio-polymers as alternative acrylic resins. Used to fill and compact the empty and frayed structures of the leather, giving good fullness in flanks and bellies. It improves adhesion, elasticity, fibre compaction and buffing. Special to get closer structure and short plush and suitable to avoid grain looseness in the leather to be milled. The products are 100% natural, biodegradable and formaldehyde free (0%).	★★

*All products are **anionic** and **could be mixed with water-based products.**

ECO-MELAMINE

Product	Composition	pH.	A.M.	Description	Light
SERTAN RD	Natural polymers.	6,5	100%	Based on bio-polymers as alternative to conventional resins melamine. Used to fill and compact the empty and frayed structures of the leather, giving good fullness in flanks and bellies. Improves adhesion, elasticity, fibre compaction and buffing. Special for white leathers. Suitable to avoid grain looseness in the leather to be milled. Special for white leathers. The product is 100% natural, biodegradable and formaldehyde free (0%).	★★★★

*All products are **anionic** and **could be mixed with water-based products.**

★★★★ Excellent ★★★ Good ★★ Medium ★ Poor

ECO-DICYANDIAMIDE

Product	Composition	pH.	A.M.	Description	Light
SERTAN DC	Natural polymers and synthetic.	5,0	100%	Biopolymer as alternative to conventional resins such as dicyandiamide. It provides high fixation and fibers compactation.	★★★
SERTAN DX	Natural polymer.	5,0	100%	Biopolymer as alternative to conventional resins such as dicyandiamide. Appropiate for white leathers, it provides high fixation and fibers compactation. Excellent to fill and compact the empty and frayed structures of the leather, giving good fullness in flanks and bellies.	★★★
SERTAN DCB	Natural polymers and synthetic.	6,5	100%	Biopolymer as alternative to conventional resins such as dicyandiamide. It provides high fixation and fibers compactation.	★★★

*All products are **anionic** and **could be mixed with water-based products.**

AUXILIARY

Product	Composition	pH.	A.M.	Description	Light
SERTAN CR-6	Syntan and additives.	3,0	100%	Syntan and additives. Cr6+ exhaustion and prevention.	NA
SECCUSS FE	Organic and inorganic salts.	2,5	100%	Iron complexing. To avoid/remove iron mask. Auxiliary product for tanning, retanning and fatliquoring.	NA
SERFIX AF	Organic and inorganic salts.	1,5	100%	Auxiliary in wet white tanning process in combination with **SERTAN WT**. Thanks to its tamponated powder helps to the dispersion and fixation of the tanning agent in the leather. Full and homogeneous leathers are obtained with high shrinkage temperature, giving a good shaving. It can be used as a formic acid substitute. Strong lime solubilizer, ideal for deliming. Fixation and precipitation of anionic dyes, fatliquors and retanning agents. **Serfix AF** is a powder product that have less risk at handling due its solid crystalline form. Odourless and less corrosive than formic acid in contact with the skin.	NA

*All products are **anionic** and **could be mixed with water-based products.**

★★★★ Excellent ★★★ Good ★★ Medium ★ Poor



Fatliquoring

Crude fatliquors

Synthetic fatliquors

Sulphited fatliquors

Sulphated fatliquors

Cationic fatliquors

Lecithin fatliquors

Lanolin fatliquor

Waterproofing fatliquors

Veg leather fatliquors

Fur leather fatliquors



We produce a wide range of leather fatliquors with excellent application results. They provide the leather with roundness, fullness, compaction and excellent fibre lubrication, giving a smoother leather cut.

FATLIQUORING

		ECO	FUR	GARMENT	UPHOLSTERY	AUTOMOTIVE	SHOE NAPPA	SHOE UPPER	SUEDE	NUBUCK	VEG. LEATHER	SOLE	VAQUETA	GLOVE	SPLIT
CRUDE FATLIQUORS	**SEROIL PB**			X	X	X	X	X	X	X	X	X	X	X	X
	SEROIL PBT			X	X		X	X	X	X	X	X	X	X	X
	SEROIL OF			X	X	X	X	X	X	X	X	X	X	X	X
SYNTHETIC FATLIQUORS	**SEROIL JP**		X	X	X	X	X	X	X	X	X	X	X	X	X
	SEROIL FO		X	X	X	X	X	X	X	X	X			X	X
	SEROIL SOF		X	X	X	X	X	X	X	X	X	X	X	X	X
	SEROIL SPE		X	X	X	X	X	X	X	X	X	X	X	X	X
	SEROIL CL		X	X	X	X	X	X	X	X	X	X	X	X	X
SULPHITED FATLIQUORS	**SEROIL CMT**			X	X	X	X	X	X	X	X		X	X	X
	SEROIL MQ-9			X	X		X	X	X	X	X			X	X
	SEROIL MS			X	X	X	X	X	X	X	X	X	X	X	X
	SEROIL P			X	X		X	X	X	X	X			X	X
	SEROIL PE			X	X		X	X	X	X	X		X	X	X
	SEROIL SMZ			X	X	X	X	X	X	X	X	X	X	X	X
	SEROIL NVS	ECO	X	X	X	X	X	X	X	X	X	X	X	X	X
	SEROIL TTK		X	X	X	X	X	X	X	X	X	X	X	X	X
	SEROIL KMT		X	X	X	X	X	X	X	X	X	X	X	X	X
SULPHATED FATLIQUORS	**SEROIL PLSN**			X	X	X	X	X	X	X	X	X	X	X	X
	SEROIL GSN		X	X	X	X	X	X	X	X	X	X	X	X	X
	SEROIL GSF		X	X	X	X	X	X	X	X	X	X	X	X	X
	SEROIL NVP	ECO	X	X	X	X	X	X	X	X	X	X	X	X	X
	SEROIL VS										X	X	X		
CATIONIC FATLIQUORS	**SEROIL SC-B**		X	X	X	X	X	X	X	X				X	X
LECITHIN FATLIQUORS	**SEROIL SLL**		X	X	X	X	X	X	X	X	X			X	X
	SEROIL LE	ECO		X	X	X	X	X							
	SEROIL L			X	X	X	X	X			X	X	X	X	X
LANOLIN FATLIQUOR	**SEROIL LAN**			X	X	X	X	X			X			X	X
WATERPROOFING FATLIQUORS	**SEROIL WPS**			X	X	X	X	X	X	X	X			X	X
	SEROIL WPH			X	X	X	X	X	X	X	X			X	X
VEG LEATHER FATLIQUORS	**SEROIL MLL**										X	X	X		
FUR LEATHER FATLIQUORS	**SEROIL KM-24-23**		X												

CRUDE FATLIQUORS

Product	Composition	pH.	A.M.	Description	Light
SEROIL PB	Natural and synthetic origin fat.	NA	100%	They are oils that have not undergone any chemical reaction or special treatment, so they are not water-soluble. Leathers with good round effect and fullness are obtined as well as very lubricated fibers allowing a more silky cut, especially in the vegetable tanning. In the fatliquoring phase, combined with other oils, they improve the lubricating power of the mixture and get more oily skin both on the surface and in the interior and with good resistance to light.	★★★
SEROIL PBT	Natural origin fat. Neatsfoot oil.	NA	100%	They are oils that have not undergone any chemical reaction or special treatment, so they are not water-soluble. Leathers with good round effect and fullness are obtained as well as very lubricated fibers allowing a more silky cut, especially in vegetable tanning. In the fatliquoring phase, combined with other oils, they improve the lubricating power of the mixture and get more oily skin both on the surface and in the interior and with good resistance to light.	★★★
SEROIL OF	Synthetic origin.	NA	100%	They are oils that have not undergone any chemical reaction or special treatment, so they are not water-soluble. Leathers with good round effect and fullness are obtained as well as very lubricated fibers allowing a more silky cut, especially in vegetable tanning. In the fatliquoring phase, combined with other oils, they improve the lubricating power of the mixture and get more oily skin both on the surface and in the interior and with good resistance to light.	★★★★

*All products are **anionic** and **could be mixed with water-based products.**

★★★★ Excellent ★★★ Good ★★ Medium ★ Poor

SYNTHETIC FATLIQUORS

Product	Composition	pH.	A.M.	Description	Light
SEROIL JP	Waxy-Synthetic.	7,5	50%	General purpose fatliquors for all skin types, whether tanned chrome, vegetable or mixed. They can be combined with natural oils to improve the stability of the mixture. they have a good fixation and extraordinary penetration providing a fast and uniform distribution of oil through the cutting. Very soft skins are obtained with a firm grain and a feeling of fullness with little weight. In addition, they do not reduce the compaction of the fibers. Stainless oil with a waxy-soft touch and a light waterproofing effect. It has good electrolyte stability and excellent grinding behavior.	★★★★
SEROIL FO	Phosphoric.	7,5	60%	**SEROIL FO** is a synthetic phosphated oil, which stands out for its good stainless properties and excellent fastness to light. The oil has a great penetrating power and a fast dilution, providing soft skins, soft touch and a firm grain. We can use the product in the tanning baths for its stability to electrolytes. The oil guarantees a good internal lubrication of the fibers without reducing the compaction, making it ideal for light skins. Thanks to its dry character, it helps in the grinding of the skin.	★★★★
SEROIL SOF	Synthetic.	7,5	45%	They have a good fixation and extraordinary penetration providing a fast and uniform distribution of oil through the cutting. We obtain white skins with bluish tone as well as cleaner, very soft and a firm grain. The skins have excellent grinding behaviour. Especially useful in those skins that require little weight, as they reduce the compaction of the fibers. Stainless oils with good electrolyte stability.	★★★★
SEROIL SPE	Synthetic.	7,5	35%	Synthetic fatliquors and polymers based on petrol derivates. General use fatliquor for all kind of leathers, chrome tanned, vegetal tanned or mixted as well. They can be combined with natural fats, improving the stability of general fatliquor mixture. They have good leather fixation and excellent penetration, obtaining a fast and uniform distribution of fat through the leather. Produce leathers with tight grain and springy feel. Suitable when light weight leathers are required. Do not reduce the fibers compactation.	★★★★
SEROIL CL	Synthetic fats and surfactants.	7,0	45%	Formed mainly by synthetic oil and surfactants, it is an oil used as a greasing supplement to improve the emulsion of the fat mixture, the penetration and the softness of the resulting skins. Stable to electrolytes.	★★★★

*All products are **anionic** and **could be mixed with water-based products.**

★★★★ Excellent ★★★ Good ★★ Medium ★ Poor

SULPHITED FATLIQUORS

Product	Composition	pH.	A.M.	Description	Light
SEROIL CMT	General mixture of natural and synthetic sulphited fats.	7,5	60%	Mixture of natural and synthetic oils for general use. It can be used as single or main fatliquor. We obtain an average result of characteristics such as surface touch, inner and outer softness, slight round feel and grain looseness. Good dye matching. Excellent stability to tanning baths and electrolytes (acids and alkalines). Excellent penetration, distribution and fat fixation.	★★★
SEROIL MQ-9	Sulphited fish oil.	8,5	85%	We obtain hang with a lot of inner softness with no filling effect. Very good penetration and fixation to the skin. Excellent stability to tanning baths and electrolytes (acids and alkalines). They can be used as single greases.	★★★
SEROIL MS	Natural and synthetic sulphited fats.	7,5	70%	We obtain hang with a lot of inner softness with no filling effect. Very good penetration and fixation to the skin. Excellent stability to tanning baths and electrolytes (acids and alkalines). They can be used as single greases.	★★
SEROIL P	Natural and synthetic sulphited fats.	7,5	50%	Economic oil for all kind of leather. We obtain hang with a lot of inner softness with no filling effect. Very good penetration and fixation to the skin.	★★★
SEROIL PE	Natural and synthetic sulphited fats.	7,5	35%	Sulphited economical oil which it is obtained falling-off effect with a lot of inner softness with no filling effect. Very good penetration and fixation to the skin. Excellent stability to tanning baths and electrolytes (acids and alkalines).	★
SEROIL SMZ	Natural and synthetic sulphited fats.	7,5	50%	Economic oil based on triglycerides with low oxidation index. With the exception of other sulphited oils, it has many characteristics of sulphited oils. Improves tincture equality without decreasing intensity. Ideal for footwear as you get skins with hang effect, a lot of whiteness inside, softness and no filling effect. The product has excellent stability to tanning baths and electrolytes (acids and alkaline). Excellent penetration, distribution and fixation of fatliquor. It can be used as unique fatliquor.	★★★

★★★★ Excellent ★★★ Good ★★ Medium ★ Poor

SULPHITED FATLIQUORS

Product	Composition	pH.	A.M.	Description	Light
SEROIL NVS	Sulphited natural fatliquor.	6,5	40%	The **SEROIL NVS** is a vegetable sulphited fat origin free of fish oils, synthetic oils, petroleum derivatives and solvents. **SEROIL NVS** is a highly ecological and sustainable grease: Raw materials of renewable origin, fully biodegradable, compostable and totally ecological in terms of wastewater, non-toxicity for the earth and VOC's (Eco-Friendly). **The main characteristics of the SEROIL NVS are:** The product dissolves perfectly in the water. Good stability to tanning and retanning baths. Full skins with good body and roundness are obtained. Penetration and uniform distribution of fat on the skin. Warm hand and silkiness. Good resistance to heat and lightfastness. It is a grease that can be used on all types of leather and articles. It has better resistance and behavior to electrolytes, and it is more recommended for use in tanning and retanning. With the NVS, softer and sagging leathers are obtained, with slightly less fulness, recommended for soft articles such as napa footwear, clothing, and gloves.	★★★
SEROIL TTK	Sulfited fatliquor	7,5	70%	Sulfited oil with good light fastness, clear color and no odor. Very good resistance to electrolytes (acid, alkaline baths and waters with high hardness). It can be used in tanning baths or in very hard water. Excellent penetration, and therefore very good distribution throughout the thickness of the leather. Due to its composition it can be used for all leather types and as a sole fatliquor. It is a sulfite oil suitable for use when soft leather is required without increasing grain looseness and obtaining leather with good filling, such as leather for footwear, leather goods, vegetable-tanned leather...	★★★★
SEROIL KMT	Sulfited fatliquors	7,5	70%	Sulfited oil with good light fastness, clear color and no odor. Very good resistance to electrolytes (acid, alkaline baths and waters with high hardness). It can be used in tanning baths or in very hard water. Excellent penetration, and therefore very good distribution throughout the thickness of the leather. Due to its composition it can be used for all leathers types and as a sole fatliquoring. It is a sulfite oil suitable for use when very soft leathers with a good touch are required, such as leathers for soft footwear, clothing, glove making, etc.	★★★★

*All products are **anionic** and **could be mixed with water-based products.**

★★★★ Excellent ★★★ Good ★★ Medium ★ Poor

SULPHATED FATLIQUORS

Product	Composition	pH.	A.M.	Description	Light
SEROIL PLSN	Compound based on sulphated fatliquor.	7,5	65%	**SEROIL PLSN** is a sulphated fatliquor for obtaining very full and firm grain leathers. The product can be used both only or combined with the other greases of our SEROIL product range. We can apply the product in wet blue, wet white and vegetable tanning. It characteristics are: -Grease stable to salts, acids and bases, as well as vegetable and synthetic tanning agents in the concentrations commonly used for the retanning and dyeing processes. The product is not stable to mineral salts or salt in high concentrations. - It does not contain in its composition any organic halogen, thus it does not contribute to the contamination of wastewater by AOX. - Does not contain any formaldehyde or APEO. - By not containing formaldehyde or alkylphenoxyloxylates in its composition and not contributing to the contamination of wastewater with absorbable organic halogens, the product acomplishes all modern ecological requirements. - It has an excellent degree of bath exhaustion, since the leather absorbs the product very well. - We highlight a greasing with: excellent fullness, extraordinary firmness of the grain, spring effect, pleasant touch of the surface and well spread dyes. Economic oil for all skin types, possible to be used as single greases. Skins with hang effect possible with a lot of inner softness, and no filling effect. Are obtained excellent stability to tanning baths and electrolytes (acids and alkalines).	★★★
SEROIL GSN	Natural and synthetic sulphated fats.	7,5	50%	General purpose fatliquor for all skin types, whether tanned with chrome, vegetable agents or wet white. **SEROIL GSN** can be used as a single fatliquor especially in gloving, craft or upholstery. Light oil providing no fullness to the skin, good surface touch and good fastness to the light, especially for white or pastel-colour articles.	★★★★
SEROIL GSF	Natural and synthetic sulphated fats.	7,5	35%	General economical fatliquor for all leather types, for tanned with chrome, vegetable agents or wet white. **SEROIL GSF** can be used as a single fatliquor especially in glove, garment or upholstery. Light oil without bringing fullness to the skin, good surface touch and good fastness to the light, especially for white or pastel-colour articles.	★★★★

*All products are **anionic** and **could be mixed with water-based products.**

★★★★ Excellent ★★★ Good ★★ Medium ★ Poor

SULPHATED FATLIQUORS

Product	Composition	pH.	A.M.	Description	Light
SEROIL NVP	Sulphated natural fatliquor.	6,5	40%	The **SEROIL NVP** is a vegetable sulphated fat free of fish oils, synthetic oils, petroleum derivatives and solvents. **SEROIL NVP** is a highly ecological and sustainable grease: Raw materials of renewable origin, fully biodegradable, compostable and totally ecological in terms of wastewater, non-toxicity for the earth and VOC's (Eco-Friendly). **The main characteristics of SEROIL NVP are:** The product dissolves perfectly in the water. Good stability to tanning and retanning baths. Full skins with good body and roundness are obtained. Penetration and uniform distribution of fat on the skin. Warm hand and silkiness. Good resistance to heat and lightfastness. It is a grease that can be used on all types of leather and articles. With **NVP** more compact and fuller leathers are obtained and therefore it is more recommended for footwear and leather goods.	★★★
SEROIL VS	Sulfated fatliquor	7,5	65%	Sulfated oil with good light fastness, clear color and no odor. Very good resistance to electrolytes (acid, alkaline baths and waters with high hardness). It can be used in tanning baths or in very hard water. Excellent penetration, and therefore very good distribution throughout the thickness of the leather. Due to its composition it can be used for all leather types and as a sole fatliquor. It is especially recommended for soles and vegetable tanned articles. Due to its excellent dispersion and stability, it is a very stable grease in vegetable extract baths and prevents the formation of sludge and dye stains. In suede and nubuck items, soft touches and good final shine are obtained.	★★★★

*All products are **anionic** and **could be mixed with water-based products.**

★★★★ Excellent ★★★ Good ★★ Medium ★ Poor

CATIONIC FATLIQUORS

Product	Composition	pH.	A.M.	Description	Light
SEROIL SC-B	Cationic polymer-fat.	3,0	20%	Cationic polymer-fat. Used to brighten color during dyeing process and increase the intensity of shades. Suitable for giving superficial pleasant feel in all articles, specially in velour or double face. To fix the anionic products at the end of the wet-end process.	★★★★

*The product is **cationic** and **could be mixed with water-based products.**

★★★★ Excellent ★★★ Good ★★ Medium ★ Poor

LECITHIN FATLIQUORS

Product	Composition	pH.	A.M.	Description	Light
SEROIL SLL	Polymer fatliquor on lecithin base.	7,5	50%	Lecithin-based greasing polymer. It can be used as a single fatliquoring. Because the product is liquid, it is easy to handle and does not have the usual problems of paste products, such as separations and rot among others.	★★★
SEROIL LE	Polymer fatliquor on lecithin base.	7,5	35%	**SEROIL LE** is an extraordinary versatile product due to its excellent stability to acid and to electrolytes. It is an auxiliary fatliquor used as a complement to other oils to give pleasant touch. Product especially suitable for soft nappa articles getting a light weight, round touch and fullness to skins and heavy leathers. **SEROIL LE** combines perfectly with all types of anionic oils.	★★★
SEROIL L	Polymer fatliquor on lecithin base.	7,5	50%	**SEROIL L** is an extraordinarily versatile product due to its excellent stability to acids and to electrolytes. It is an auxiliary fatliquor used as a complement for other oils to give pleasant touch. Product especially suitable for soft nappa articles, to give a light weight, round touch and fullness. **SEROIL L** combines perfectly with all type of anionic oils.	★★★

*All products are **anionic** and **could be mixed with water-based products.**

★★★★ Excellent ★★★ Good ★★ Medium ★ Poor

LANOLIN FATLIQUORS

Product	Composition	pH.	A.M.	Description	Light
SEROIL LAN	Polymer fatliquor in lanolin base.	7,0	50%	Polymer based on lanolin with a gentle greasy touch. It has Light water repellence, recommended for pull-up items for polishing and the burned effect. It can used also for all types of skins, whether they are chrome tanned, vegetable or mixed. It can be combined with natural oils improving the stability of the mixture.	★★★

*All products are **anionic** and **could be mixed with water-based products.**

WATERPROOFING FATLIQUORS

Product	Composition	pH.	A.M.	Description	Light
SEROIL WPS	Polymer and hydrophobic emulsifiers.	6,5	51%	Waterproofing fatliquor. Medium level. Recommended for medium-soft articles like shoe-upper, leather goods, upholstery. To be used like a single fat or as a touch agent at the end of the process.	★★★★
SEROIL WPH	Polymer and hydrophobic emulsifiers.	6,5	51%	Waterproofing fatliquor. High level. Recommended for medium-soft articles like a shoe-upper, leather goods, upholstery. To be used like single fat or as a feelin agent at the end of the process.	★★★★

*All products are **anionic** and **could be mixed with water-based products.**

★★★★ Excellent ★★★ Good ★★ Medium ★ Poor

VEG LEATHER FATLIQUORS

Product	Composition	pH.	A.M.	Description	Light
SEROIL MLL	Semi-Crude natural fats.	NA	75%	Special fat for vegetable tanned articles. It provides extremely good softness, round feel, mellowness and greasy touch. Extreme lubrication. It gives a very sweet cut when trimming or moulding the leather.	★

*All products are **anionic** and **could be mixed with water-based products.**

FUR LEATHER FATLIQUORS

Product	Composition	pH.	A.M.	Description	Light
SEROIL KM-24-23	Natural and synthetic fat.	NA	100%	Fatliquor range of fats known as kicking oils. They are mainly used for furs skins like mink, fox, marmot, beaver, rabbit... They have a very good penetration in the inner fibers of leather. The excess of fat is easily removed by drumming the dry leathers with sawdust. Good shine and silky hair is obtained.	★★★

*All products are **anionic** and **could be mixed with water-based products.**

★★★★ Excellent ★★★ Good ★★ Medium ★ Poor



Seradye

Dyes are organic substances soluble in an acidic, neutral or basic medium, which have an unsaturated molecular structure, that is, electronically unstable. Two groups can be distinguished: those responsible for the absorption of light, called chromophores and those capable of fixing the dye molecule to the skin and even intensify the role of chromophores, called auxocromos.

BROWN SOFT G	BLUE RF	YELLOW AN	BLACK NN-2
BROWN SOFT Y	BLUE BN	ORANGE OR	BLACK NN-3
BROWN SOFT R		RED RN	BLACK NN-4
BROWN PNR	HAVANA HG	GREY LL	BLACK NN-5
BROWN CRN	HAVANA R	BEIGE D	
BROWN D3G			
BROWN PNB			

SERADYE is our full range of acid dyes

These are low molecular weight anionics that contain strong acid groups. In general they have good penetration. This depends on the particle size, the molecular weight of the dye, the solubility and the degree of sulfonation. Their solubility increases with the presence of hydrophilic groups, mainly sulphonic, hydroxyl and ionic groups. React mainly by salt bond (much influence of pH).



A complete range of finishing products to obtain high quality articles. Waxes caseins, aqueous pigments, metallic dyestuffs, pull up oils, solvent and aqueous lacquers, acrylic and polyurethane resins.

Finishing

SERGRAS

Special fats and waxes

SERBRILL

Caseins

Aqueous waxes

Filler

Matting

SERCRYL

Acrylic resins

Compound special resins

Polyurethane resins

SERLAC

Top coat

Lacquer

CAPAFIN

Pigments

SERANIL

Metal complex liquid dyes

SERTAK

Silicones touching agents

AUXILIARES

Others products

Formulas

Quimser provides to our customers, partners and collaborators the tools to understand and work better with the products we manufacture.

With this purpose we offer you the possibility to check different formulas in order to work with all types of raw skins and the processes of the different leather treatment phases to create all kinds of products.

For more information visit our web. **www.quimser.com**

Soaking, liming deliming, bating & pickling

Tanning

Retanning, dye & fatliquoring

Finishing

QUIMSER

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