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CRUDE FATLIQUORS

General properties

Fatliquors that have experienced no chemical reaction or special treatment.

Totally insoluble in water.

Leathers with very good round feel, filling and fullness can be obtained.

Excellent fiber lubrication, providing a better silky cut, specially in vegetal tanned leathers.

Good light resistance.

Greasy-soft feel.

During fatliquoring process, combined with other fatliquors, improve the lubrication power of fatliquor-mixture and better greased leathers both in the surface and the inside are achieved.

Fatliquors specially used in processes where strong drying is applied and when its necessary to a greasy or overgreased.

In finishing, we can obtain an special grain lubrication when applied superficially.

As these fats remain mainly on surface, they can improve the dying intensity and offer certain darkness to the leather.

Product	Chemical composition	Appearance	General properties	pH	% A.M.
SEROIL PBT	Natural origin fat.	Fluid liquid. Brownish.	Greasy	NA	100
SEROIL PB	Natural and synthetic origin fat.	Fluid liquid. Brownish.	Greasy-soft	NA	100
SEROIL CC	Natural origin fat. Quality.	Fluid liquid. Colourless to yellowish.	Greasy	NA	100
SEROIL OF	Synthetic origin fat.	Fluid liquid. Colourless to yellowish.	Soft	NA	100

Application

General fatliquoring, mixed with other fatliquors. All kind of leathers:

% on shaved weight: 0,5-2%

Top or final overgreasing :

% on shaved weight : 0,5-1,0%. Can be added along with a cationic fatliquor like SEROIL SC-B (1%)

On crust leathers or semi-dried, like superficial overgreasing, specially in vegetable tanned leathers.

Table stuffing grease, by hand or roller : 100%

SULPHATED FATLIQUORS

General properties

Sulphated fatliquors are produced by reaction of fats with sulphuric acid.

Leathers with very good round feel, filling or fullness can be achieved.

Provides soft leathers with good tight grain and elasticity.

Good light fastness.

Due to the excellent sulphatation grade, QUIMSER fatliquors provide a uniform distribution of fat in the inside of leather.

Very useful for all kind of articles like cow, sheep and goat.

Especially suitable for in vegetable tanning leather.

Product	Chemical composition	Appearance	General properties	pH	% A.M.
SEROIL PLSN	Compound based on sulphated fatliquor.	Fluid liquid. Transparent brownish.	General application . Napa, shoes, leather goods.	7,5±0,5	65±1
SEROIL TL	Sulphated fatliquor	Fluid liquid. Transparent brownish.	High concentration of sulphated base. It is very suitable for other quality sulphated fatliquor production.	7,5±0,5	70±2

SULFITED FATLIQUORS

General properties

Sulphited fatliquors are produced by reaction of fats with sodium bisulphite.

In general they give smooth and very soft leathers but no filling effect.

Provide hang hides with high inner softness.

Excellent stability to tanning baths and electrolytes (acid and alkaline).

Can be used in all production stage, like tanning or retanning.

Excellent penetration, distribution and fixation of fat.

Can be used as single fatliquor. Specially TTK and CMT.

Complete relaxation of the fibers cause excellent milling properties.

Light fastness will depend on the type of fatliquor.



Product	Chemical composition	Appearance	Light fastness	pH	% A.M.
SEROIL TTK	Based on synthetic COD and Sperm oil.	Fluid liquid. Colourless to yellowish.	Good	7,5±0,5	70±2
SEROIL CMT	General mixture of natural and synthetic sulphited fats.	Fluid liquid. Transparent brownish.	Good	7,5±0,5	57,5±2
SEROIL MQ-SP	Based on COD oil.	Fluid liquid. Transparent dark brownish.	Good	7,0±0,5	85±2
SEROIL MQ-9	Natural and synthetic Sulphited fats	Fluid liquid. Transparent dark brownish.	Poor	8,5±0,5	85±2
SEROIL SU	Based on COD oil.	Fluid liquid. Transparent light brownish.	Good	7,5±0,5	70±2
SEROIL MS	Natural and synthetic Sulphited fats.	Fluid liquid. Transparent dark brownish.	Poor	7,5±0,5	70±2
SEROIL SMZ	Based on synthetic COD and Sperm oil.	Fluid liquid. Transparent light brownish.	Good	7,5±0,5	50±2
SEROIL P	Natural and synthetic Sulphited fats.	Fluid liquid. Transparent brownish.	Poor	7,5±0,5	50±2
SEROIL PT	Natural and synthetic Sulphited fats.	Fluid liquid. Transparent brownish.	Poor	7,5±0,5	50±2

SYNTHETIC FATLIQUORS AND POLYMERS BASE

General properties

Synthetic fatliquors and polymers based on petrol derivatives.

General use fatliquor for all kind of leathers, chrome tanned, vegetal tanned or mixed 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.

Odourless fatliquors or light-pleasant smell

Inoxidable and unrancid fatliquors.

Good electrolytes stability. Can be used in tanning, retanning, acid and alkaline baths.

Excellent buffing behaviour.

Product	Chemical composition	Appearance	General properties	pH	% A.M.
SEROIL SOF	Synthetic-waxy polymer.	Fluid liquid. Colourless to yellowish.	Especial for white leathers. It improves and can get white leathers with bluish tone and cleaner leathers. It improves the bleaching and cleaning of wool leather. Leathers with good tight grain and spring feel are obtained. Garments, gloves, double face, upholstery.	7,5±0,5	45±2
SEROIL SPB	Synthetic polymer.	Fluid liquid. Colourless to yellowish.	Dry feel. Do not affect the dyestuff intensity. Improve the emulsion and penetration of fatliquoring mixture.	7,5±0,5	70±2
Seroil SPC	Synthetic polymer.	Fluid liquid. Colourless to yellowish.	Dry feel. Do not affect the dyestuff intensity. Improve the emulsion and penetration of fatliquoring mixture.	7,5±0,5	60±2

SEROIL FO	Phosphoric polymer.	Fluid liquid. Colourless to yellowish.	Produce leathers with tight grain and springy handle. Required leathers with light weight. Don't reduce the fibbers compaction. Odourless fatliquor s or light-pleasant smell Unoxidable and unraced fatliquors. Good electrolytes stability. Can be used in tanning, retanning, acid and alkaline bath. Excellent buffing behaviour.	7,5±0,5	60±2
SEROIL FE	Phosphoric polymer.	Fluid liquid. Colourless to yellowish.	Soft and smooth leathers. All kind of leathers.	7,5±0,5	50±2
SEROIL JP	Waxy-Synthetic polymer.	Viscous liquid. White.	Waxy-smooth feel. Garments, Napa, natural articles whe good feel is required. Low waterproofing effect.	7,5±0,5	50±2

TOUCHING FATS

General properties

Special polymers and fats, touching auxiliaries, lecithin, lanolin, waterproofing, cationic.

Recommended for all kind of articles.

Suitable to obtain leathers with superficial waxy-feel touch.

Excellent fibers lubrication. They do not reduce the fiber compactation.

Getting leathers with round feel and fullness.

Produce leathers with tight grain and springy feel.

Good light fastness.

Good resistance to chrome, vegetable extracts, rechroming and neutralisation baths.

Product	Chemical composition	Appearance	General properties	pH	% A.M.
SEROIL L-9	Polymer fatliquor Lecithin-based.	Fluid liquid. Transparent brownish.	Can be used like single fatliquor. It is a very concentrated fatliquor. Since it is a liquid product, it is easy to use and avoid problems, like separation, putrefaction and others.	7,5±0,5	90±2
SEROIL L	Polymer fatliquor Lecithin-based.	Pasty oil. Yellowish.	Pleasant feel and inner lubrication.	7,5±0,5	50±2
SEROIL SLL	Polymer fatliquor Lecithin-based.	Fluid liquid. Transparent brownish.	Can be used like single fatliquor. Since it is a liquid product, it is easy to use and avoid problems, like separation, putrefaction and others.	7,5±0,5	49±1
SEROIL LAN	Polymer fatliquor Lanolin-based.	Pasty oil. Yellowish.	Low penetration. Grassy feel. Low waterproof effect. Recommended for pull-up articles. Improve the polishing and burning effect.	7,0±1	50±2
SEROIL SC-B	Cationic polymer-fat.	Fluid liquid. White to yellowish.	Used to brighten color during dying process and feel increase the intensity of shades. Suitable to give superficial pleasant feel in all articles, specially in velour or double face. To fix the anionic products at the end of wet-end process.	3,0±0,5	20±2

SPECIAL FATS

Product	Chemical composition	Appearance	General properties	pH	% A.M.
SEROIL CL	Synthetic fats and surfactants.	Fluid liquid. White.	Especial composition used as a complement in fatliquoring process, to improve the emulsion of fat mixture, penetration and softness of leathers. Can be used in all processes of leather and all kind of articles when softness, lubrication and light weight is required. Specially for gloves, garments, double-face, furs... Stable to electrolytes. It can be applied by brush or sponge (fur skins).	7,0±0,5	45±2
SEROIL KM-24	Natural and synthetic fat.	Viscous liquid. Brownish.	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 easy removed by drumming the dry leathers with sawdust. Good shine and silky hair is obtained.	NA	100
SEROIL MLL	Semi-Crude natural fats.	Pasty oil. Yellowish.	Special fat for vegetalble tanned articles. Provides extremely good softness, round feel, mellowness and greasy touch. Extrem lubrication. Give a very sweet cut when trimming or moulding the leather.	NA	75±1
SEROIL MNO	Sulfited, semicrude and crude natural fats.	Viscous liquid. Brownish.	Special fat for vegetal tanned articles. Provides extremely good softness, roundness, mellowness and greasy touch. Lubrication is extreme. Give a very sweet cut when trimming or sharpening the leather.	7±0,5	80±2

SEROIL WPS	Polymer fatliquor.	Viscous liquid. White.	<p>Waterproofing fatliquor. Medium level. Recommended for soft articles, like gloves, garments, nappa. To be used like single fat.</p> <p>Application: It is recommended do not use any surfactant during the process and make a strong neutralisation, not lower than pH 4,8. To be used like single fat. The maximum effect is achieved after fixation of fat at the end of process with a metallic salt (Cr, Al, Zr).</p>	6,5±0,5	51±2
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SEROIL WPH	Polymer fatliquor.	Viscous liquid. White.	<p>Waterproofing fatliquor. High level. Recommended for medium-soft articles, like shoe-upper, leather goods, upholstery. To be used like single fat.</p> <p>Application: It is recommended do not use any surfactant during the process and a make strong neutralisation, not lower than pH 4,8 The maximum effect is achieved after fixation of fat at the end of process with a metallic salt (Cr, Al, Zr).</p>	6,5±0,5	51±2
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SEROIL VS	Fats composition	Fluid liquid. Transparent light brownish.	<p>Special fatliquor for sole leather and vegetable also articles. It can be also used for other articles when looking for a good penetration, fat distribution and homogeneous colored hides with tight grain and no looseness. Good light fastness also. In Sole/Vegetable leather is very stable fat avoiding mud formation and dye stains. In suede articles it provides silky feel and good final shine.</p>	7,0±0,5	65±2
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PLASTISER RA	Sulphated castor oil. Ammonium salt	Amber transparent liquid.	Special fat having many of applications in multiply of sectors. Some of these product applications are: softening, soaking/humectation, degreasing, leveller, dispersing, emulsifier, foam modification, superficial tension agent, plasticizer, solubiliser... In the leather industry, like quality fatliquor , touching agent and dying levelling/intensification in de last fatliquoring stage and finishing.	7,5±0,5	75±1
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PLASTISER RS	Sulphated castor oil. Sodium salt	Amber transparent liquid.	Special fat having many of applications in multiply of sectors. Some of these product applications are: softening, soaking/humectation, degreasing, leveller, dispersing, emulsifier, foam modification, superficial tension agent, plasticizer, solubiliser... In the leather industry, like quality fatliquor , touching agent and dying levelling/intensification in de last fatliquoring stage and finishing.	7,0±0,5	75±1
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