



AB CORECHEM
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LEATHER CHEMICALS PRODUCT CATALOGUE

— PREMIUM CHEMICALS FOR LEATHER PROCESSING —



INNOVATIVE LEATHER CHEMICALS

RETANNING AGENTS | VEGETABLE EXTRACTS | FATLIQUORS | ENZYMES
AUXILIARIES | SPECIALTY CHEMICALS

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COREBATE-AB

Alkali Bating Enzyme



PRODUCT SPECIFICATIONS

PROPERTY	SPECIFICATION
Aspect	Light Brownish Powder
Basis	Proteolytic Enzyme
pH (1:10)	8.0 – 9.0
Activity	1500 LVU
Solubility	Partly Soluble
Stability	Stable



PRODUCT DESCRIPTION & BENEFITS

COREBATE-AB is an alkaline bating enzyme used after the degreasing process during leather manufacture. It offers the following benefits:

- ✓ Used as an alkaline bate after the degreasing process.
- ✓ Effectively hydrolyzes non-structural proteins, opening the fiber matrix for improved penetration of tanning agents.
- ✓ Enhances grain quality, smoothness, and firmness, particularly in chrome-tanned leather.
- ✓ Produces a cleaner, softer, and sleeker grain appearance.
- ✓ Helps remove residual lime from the pelt.



APPLICATIONS

S. NO.	PELT TYPE	RECOMMENDED DOSAGE
1	Cow Pelt	0.5 – 1.0% on Pelt weight
2	Buffalo Pelt	1.0 – 1.5% on Pelt weight
3	Goat Pelt	1.5 – 2.0% on Pelt weight



RECOMMENDED PROCESS



For normal leathers, increase the bath pH to approximately 9.0 before application.



For optimum softening and improved area yield, it is recommended to use an enzyme accelerator (such as **CORELIN CXI**) at approximately **2%** together with **COREBATE-AB**.

COREBATE-ACB

Enzymatic Acid Bate

PRODUCT SPECIFICATIONS

Property	Specification
Chemical Composition	Blend of Enzymes
Active pH	Active at pH 4.0 – 6.0
Appearance	Pale Beige to Off White Powder
Active Temperature	25 – 40°C
Shelf Life	Up to 1 year in closed containers at ambient temperature
pH (10%)	7.0 – 7.5

PROPERTIES

COREBATE-ACB is an enzymatic acid bate specially formulated to improve leather softness and grain quality.



Blend of selected enzymes providing excellent softness.



Produces uniform grain pattern with improved fullness.



Maintains the equilibrium between leather and tanning bath even at higher dosage.



Prevents loosening of leather while enhancing softness.

APPLICATION

COREBATE-ACB is recommended for acid bating of normal leathers after deliming.

Leather Type	% on Depickle	% on Wet Blue	Run Time
Goat Skins	Up to 3.0%	Up to 5.0%	90 – 120 min
Sheep Skins	Up to 2.0%	Up to 5.0%	45 min
Calf Skins	Up to 3.0%	Up to 5.0%	90 – 120 min
Cattle Hides	Up to 3.0%	Up to 5.0%	90 – 120 min

RECOMMENDED PROCESS



For normal leathers, increase the bath pH to approximately 4.0 before application.



For optimum softness and improved area yield, it is recommended to use an enzyme accelerator (such as **CORELIN CXI**) at approximately **2%** together with **COREBATE-ACB**.



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COREBASE-DG1

Strong Degreasing Agent for Pelts

CHARACTERISTICS

Appearance	:	Colourless
pH of 10% solution	:	5.0 – 6.0
Solid content	:	65 ± 2 %
Ionic Nature	:	Non-ionic
Stability	:	Good in salt solution



SPECIAL FEATURES

- ✓ **COREBASE-DG1** is a colourless liquid based on ethoxylated alkyl derivatives.
- ✓ **COREBASE-DG1** is used for degreasing of pelts with high natural grease content.
- ✓ **COREBASE-DG1** results in thorough and even degreasing.



APPLICATION

	Degreasing of sheep pelts	:	0.8 – 1.5% (% based on pelt weight)
	Degreasing of cow/buff calf	:	1.0 – 2.0% (% based on pelt weight)
	Degreasing of wet blue	:	0.3 – 0.5% (% based on pelt weight)



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CORESOL D40

Versatile Wetting, Dispersing & Degreasing Agent

PRODUCT SPECIFICATIONS

Property	Specification
 Chemical Composition	Blend of Sulphated Fatty Alcohols
 Appearance	Clear Yellowish Liquid
 Active Matter (% w/w)	14.5 – 16.0
 pH (1:10)	6.0 – 8.5
 Charge	Non – Ionic
 Solubility	Soluble with Water
 Stability to Electrolytes	Very Good
 Shelf Life	Up to 2 Years from Date of Manufacture

APPLICATIONS

CORESOL D40 amount to be applied depends upon:

1 Type & condition of raw stock	2 Process step being considered	3 Type of leather article prepared
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RECOMMENDED DOSAGE

1	In Soaking	:	0.1 – 0.5% based on salted weight
2	In Liming	:	0.1 – 0.5% based on salted weight
3	In Deliming/Bating	:	0.1 – 0.5% based on salted weight
4	In Pickling	:	0.1 – 0.5% based on salted weight
5	In Wet Blue Wet Back	:	0.5 – 1.5% based on wet blue shaved weight
6	In Crust Wet Back	:	2.0 – 3.0% based on dry weight

HANDLING & STORAGE



Handling

Wear goggles and gloves during handling. Close containers tightly after use.



Storage

Store in original packing in sealed condition at ambient temperature. Protect from moisture & sunlight. Avoid freezing. Stir well before use.



Shelf Life

Up to 2 Years from Date of Manufacture



Note: Color of the product may vary due to its characteristic. The product is in the form of an emulsion but may occur small variation in color and viscosity. However, this will not affect overall property of the leather. Need to stir / mix well before using.

FIELD OF APPLICATION



CORESOL D40 is suitable for use in Soaking/Liming, Deliming/Bating and Pickling/Chrome Tanning processes.

PROPERTIES



Excellent wetting, dispersing, emulsifying and degreasing properties.



Very stable to electrolytes.



Improves distribution of fat and chrome soaps resulting in better penetration and softer leather.



Helps in removal of soil, grease and water soluble proteins effectively.



Enhances softness, fullness and improves physical properties of leather.



Suitable for all types of leather processing.

KEY BENEFITS



Better distribution of fat and chrome soaps for improved softness.



Accelerates water uptake of raw pelts and assists in removal of soil and water-soluble proteins.



Emulsifies natural fats into stable emulsion, facilitating their removal by washing.



Positively influences physical properties such as tear and tensile strength.



Improves overall process efficiency and leather quality.



Highly versatile surfactant for all stages of leather processing.



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COREWET-WSF

A wetting and dispersing agent with softening effect.

CHARACTERISTICS

Property	Specification
Appearance	Yellowish liquid
pH of 10% solution	6.0 – 7.0
Stability	Good in salt solution

SPECIAL FEATURES

-  **COREWET-WSF** is a clear, yellowish product, based on sulphated fatty alcohols.
-  It has excellent light fastness and heat fastness.
-  **COREWET-WSF** improves better distribution and penetration of fat liquor which yields better physical properties (tear and tensile strength will be improved).

APPLICATION



Wetting back garment or upholstery or nappa, crusted

: **0.5 – 2.0%**
(% based on dry weight)



Along with Pre fat liquoring or main fat liquoring

: **0.5 – 1.0%**
(% based on shaved weight)



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CORELIME AB1

Alkali Bating Agent

PRODUCT SPECIFICATIONS

Property	Specification
Aspect	Light Brownish Powder
Basis	Mixture of Inorganic Alkali and Surfactants
Active Alkali (as Na ₂ O)	90% ± 2%
Moisture content	5.0% Max.
pH (1% solution)	12.5 – 13.5
Solubility	Readily soluble in water

ABOUT CORELIME AB1



It is highly alkaline and provides uniform swelling of the hides/skins.



It helps in effective removal of epidermis and unwanted proteins.



It ensures better penetration of chemicals in subsequent processes.



It gives clean, soft and grain friendly leather.

APPLICATIONS

- 1) All types of leather can be treated with CORELIME AB1 in short and long floats.
- 2) It is not necessary to dilute CORELIME AB1.
- 3) Liming

(% on Pelt weight)	Water	CORELIME AB1	Run	Temperature	Time
Water	150.00%	–	–	–	–
Sodium Sulphide (60%)	1.50%	–	–	25 – 30 °C	30 min
CORELIME AB1	1.5 – 2.5%	Run 60 min	–	25 – 30 °C	60 min
(If required)	0.5 – 1.0%	Run additional 30 min	–	25 – 30 °C	30 min
Drain	–	–	–	–	–
Wash	200 – 250%	–	–	30 – 35 °C	10 min
Wash	200 – 250%	–	–	Ambient	10 min

Drain / wash two times

- 4) Normally the quantity will not exceed CORELIME AB1 – 3.0% depending on the thickness of the leather.



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CORESYN-CS

Chrome Syntan

PRODUCT SPECIFICATIONS

Property	Specification
Aspect	Light green powder
Basis	Chrome complexed with phenol sulphonic acid
Solid content	95 ± 1.0%
pH	In 10% aqueous solution, 3.0 – 4.0
Solubility	Excellent
Cr ₂ O ₃	12.0 ± 1.0%

PROPERTIES



Can be added in the powder form & with low float.



Solution is less sensitive to any sudden rise of the pH.



It ensures level dyeing without lightening them noticeably.



It fixed to the leather & reacts with the collagen without producing any astringency & level dyeing.



It gives soft leather with fine, smooth grain and good fullness without alteration of the typical chrome character.

APPLICATIONS

Rechroming of wet-blue (% based on shaved weight):

1	Pre-Tanned	: CORESYN-CS - 1.0 - 2.0% - based on pelt weight
2	Chrome Tanned	: CORESYN-CS - 4.0 - 5.0% - based on pelt weight
3	Chrome Retanning	: CORESYN-CS - 2.0 - 4.0% - based on shaved weight



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CORESYN-ACS

Aluminum Chrome Syntan

CORESYN-ACS is an aluminum chrome syntan. It is recommended for Rechroming of chrome tanned & E.I. tanned leathers.

PRODUCT SPECIFICATIONS

Property	Specification
Appearance	Green colored powder
Moisture content	5.0 max.
Solubility in Water	Readily soluble in water
pH of 10% Sol	3.5 – 4.0
Cr ₂ O ₃	10% max.

SPECIAL FEATURES



CORESYN-ACS produces brighter leather with good fullness & softness.



CORESYN-ACS gives leathers a tight and fine grain.



It increases the affinity of leather for dyestuffs and ensures level dyeing.



It exhausts completely from Rechroming bath at elevated temperature. Due to its masked chrome complexes nature, when used as pre-tanning agent, rapid penetration of pelt takes place and this facilitates acceleration of subsequent vegetable tanning process.

APPLICATION

- | | | | |
|----------|----------------------------------|---|-----------------------------|
| 1 | Rechroming of cow upper leather | : | 4 – 5% on shaved wt. |
| 2 | Rechroming of clothing cow Nappa | : | 5 – 6% on shaved wt. |
| 3 | Retanning of E.I. tanned leather | : | 10% . |



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CORESYN-AN

Amphoteric Syntan

PRODUCT SPECIFICATIONS

Property	Specification
Chemical composition	Aromatic Phenol Condensation Product
Solids	96 %
Appearance	Creamish powder
pH – value 1:10	3.5 – 4.5
Charge	Amphoteric
Shelf life	Up to 10 months from the date of manufacture
Dilution	Added Undiluted

SPECIAL FEATURES



CORESYN-AN being amphoteric special syntan can be used in all stages of rechroming and retanning.



CORESYN-AN produces leathers of light weight, smooth grain with soft feel.



CORESYN-AN is best for production of smooth nappa, nubuck and suedes.



CORESYN-AN enhances the filling action of vegetable extracts.



CORESYN-AN provides uniform dye ability both on grain and flesh side and improves dye intensity to the leather.

FIELD OF APPLICATION

Re-tanning and filling of all types of chrome and semi-chrome leathers.

USAGE QUANTITIES

1	Cow nappa	:	2 – 3 % CORESYN-AN
2	Sheep nappa	:	3 – 4 % CORESYN-AN
3	Nubuck	:	3 – 4 % CORESYN-AN



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CORESYN-DIC

Replacement Syntan

PRODUCT SPECIFICATIONS

Property	Specification
Aspect	Light Brown powder
Basis	Phenol condensation product
Solid content	95 % min.
pH	In 10% aqueous solution, 3.5 – 4.5
Solubility	Excellent
Light Fastness	Excellent

PROPERTIES

-  Gives **fine and smooth grain** when applied in retanning.
-  Gives excellent **fullness & buff ability** to the leather.
-  Gives good whiteness to the leather with **excellent lightfastness**.
-  It has **good dispersing property**, which results in better uptake, and good exhaustion.
-  Can be used **alone or in combination** with vegetable and synthetic tanning agents in retanning.
-  Can be used as a **replacement tanning agent** in all stages of tannage for the production of heavy, medium & light leather.
-  It is **Free from Free Formaldehyde**

APPLICATIONS

CORESYN-DIC can be used in all stages for the production of any articles (e.g. uppers, garment, lining etc.)

1	Upper	:	3.0 – 8.0 % CORESYN-DIC on shaved wt.
2	Garment	:	2.0 – 4.0 % CORESYN-DIC on shaved wt.
3	Light leathers	:	2.0 – 6.0 % CORESYN-DIC on shaved wt.
4	Sheepskins	:	3.0 – 7.0 % CORESYN-DIC on shaved wt.

 **Note:** Color of the product may vary due to its characteristic. The product is in the form of an emulsion but may occur small variation in color and viscosity. However, this will not affect overall property of the leather. Need to stir / mix well before using.



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CORESYN-MMC

Special Resin-tanning agent based on melamine

PRODUCT SPECIFICATIONS

Property	Specification
Aspect	White Powder
Basis	Blend of sulphonated amino resin
Active content	95 % min.
pH	In 10% aqueous solution, 7.5 – 8.5
Solubility	Soluble in water with slight sediments
Light fastness	Excellent

PROPERTIES



Is a soft resin in powder form recommended to obtain mellowness and even round filling during retanning process of chrome-tanned leather.



Gives good penetration effect and gives an excellent fullness especially in the loose part of the skin.



Has got very good buffability and does not bleach the colour. So, it is very much suitable for the production of Suede and Nubuck leather.



Gives uniform filling with body to the leathers, also produces soft, tight grained, rubbery leather.

APPLICATION

CORESYN-MMC can be used in all stages for the production of any articles (e.g., uppers, garment, lining etc.)

1	Upper	:	3.0 – 8.0 % CORESYN-MMC on shaved wt.
2	Garment	:	2.0 – 4.0 % CORESYN-MMC on shaved wt.
3	Light leathers	:	2.0 – 6.0 % CORESYN-MMC on shaved wt.



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CORESYN-DR7

DCDA Based Syntan Condensed with Polyaldehyde

PRODUCT SPECIFICATIONS

Property	Specification
Aspect	Light brown free flowing powder
Basis	DCDA based Resin Syntan
Solid content	95 ± 1.0%
pH	In 10% aqueous solution, 7.5 – 8.5
Solubility	Soluble in water with slight sediments

PROPERTIES

CORESYN-DR7 DCDA based syntan condensed with Polyaldehyde offers the following advantages:



Contrary to conventional DCDA, where Formaldehyde is kept below Detection limit, it has **No Formaldehyde** either in the product or in the resultant leather.



Due to being condensed with Polyaldehyde, it imparts **Excellent Fullness** and body, better than the conventional DCDA based syntan.



Improves **Grain tightness** with very good buffability, so useful for Nubuck & Corrected Grain Leathers.



Improves **firmness to the grain**, so the resulting leather has good susceptibility towards Embossing.

APPLICATIONS

- CORESYN-DR7** can be used up to 5.0% – 7.0% for all types of leather to get tight grain and to improve the fullness of loosely structured parts of the leather.
- CORESYN-DR7** is suitable for retanning of all types of chrome leather. It can be used alone or in combination with synthetic, vegetable & chrome tanning materials.
- CORESYN-DR7** can be added in the powder form & with low float.

(% on Pelt weight)	Water	CORESYN-DR7	Run	Temperature	Time
Water	150.00%	–	–	–	–
Sodium Sulphide (60%)	1.50%	–	–	25 – 30 °C	30 min
CORESYN-DR7	1.5 – 2.5%	Run 60 min	–	25 – 30 °C	60 min
(If required)	0.5 – 1.0%	Run additional 30 min	–	25 – 30 °C	30 min
Drain	–	–	–	–	–
Wash	200 – 250%	–	–	30 – 35 °C	10 min
Wash	200 – 250%	–	–	Ambient	10 min

Drain / wash two times

- Normally the quantity will not exceed **CORESYN-DR7** – 3.0% depending on the thickness of the leather.



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COREFILL-FOP

Protein Syntan

PRODUCT SPECIFICATIONS

Property	Specification
Chemical composition	Fortified Proteins
Activity	ca. 98%
Appearance	Pale White Powder
pH – value 1:10	6.0 – 7.0
Charge	Anionic
Shelf life	Up to 10 months from the date of manufacture
Dilution	Added Undiluted

PROPERTIES



COREFILL-FOP is an eco friendly syntan fortified with complimentary filling agents.



COREFILL-FOP is made with selected rich proteins and hence does not fade the colour in case of dark colour tanning.



When applied along with **COREFILL-RNF1**, on top it provides excellent roundness and firmness and avoids looseness.

FIELD OF APPLICATION

In the retanning to correct the problem of uneven looseness and firmness of leather.

USAGE QUANTITIES

1	In the Suede	:	3% – 6% COREFILL-FOP
2	Split Leather	:	5% – 8% COREFILL-FOP
3	Sheep garment leather	:	4% – 5% COREFILL-FOP
4	In Thick Shoe Upper	:	2% – 5% COREFILL-FOP
5	In Thin Shoe Upper	:	3% – 7% COREFILL-FOP



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CORETAN-DL liq

Liquid Sulfone Condensate

PRODUCT SPECIFICATIONS

Property	Specification
Chemical composition	Liquid Sulfone Condensate free of Bisphenols and Free formaldehyde
Solids	42 ± 2%
Appearance	Pale Yellow to Pale Red Liquid
pH – value 1:10	2.0 – 4.0
Charge	Anionic
Shelf life	Up to 10 months from the date of manufacture
Dilution	Added Undiluted

PROPERTIES



CORETAN-DL liq gives leather very good fullness and a smooth and fine grain with specific filling in loose areas.



Exhibits excellent light fastness and heat migration fastness and hence suitable for white and pastel shade dyeing.



When used in Wet White it will provide brilliant white colour.



Can be used as a single syntan for white leathers and provides Brilliant shade in pastel colour dyeing.



In Dyeing, it will not allow dye fix on the defects and hence the leather will have uniform shade without any dark spot on the defects.



In vegetable tanning it improves the colour and light fastness and better dispersion of veg tans.



Best suitable for Nubuck and suedes as it provides close grain and improves buffing property.

FIELD OF APPLICATION

In production of chrome and chrome free leathers where fullness, tightness with clean dyeing is needed.

USAGE QUANTITIES

1	Wet White Pre-Tanning	:	4 – 6%
2	Retanning	:	3 – 4%
3	In Rechroming along with chrome	:	2 – 3% (after reducing pH)



Note: Color of the product may vary due to its characteristic. The product is in the form of an emulsion but may occur small variation in color and viscosity. However, this will not affect overall property of the leather. Need to stir / mix well before using.



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CORETAN-540

Low pH Acrylic syntan for excellent fullness with tight grain

PRODUCT SPECIFICATIONS

Property	Specification
Aspect	Off white free flowing viscous liquid
Basis	Polymeric Syntan
Solid content	36 ± 1.0%
pH	In 10% aqueous solution, 3.0 – 4.0
Solubility	Good
Light fastness	Excellent
Stability	Stable to Neutral salts, Acids and Bases in usual Concentrations in tannery. Compatible with Synthetic and Vegetable tanning agents and Dyes.

PROPERTIES



Gives good grain tightness with soft and smooth feel of the leather.



It is not very much pH sensitive.



It gives good plumping effect along with bleaching properties.



It helps in improving tensile and tearing strength of split leather.



Although bleaching, but lightfast in nature. Useful for light & pastel shades.

APPLICATIONS

	Re-chroming	: CORETAN-540 – 2-4%
	In main retanning	: CORETAN-540 – 1-2 % after neutralization and before retanning
	Split Leather	: CORETAN-540 – 2.0-2.5% in Rechroming bath



Our application recommendations are in line with our present state of knowledge. They do not, however, exempt the customer from performing his own tests to determine the suitability of the supplied products for their intended purposes. Application of the products lies outside the scope of our control and therefore comes within the customer's sphere of responsibility. We guarantee the satisfactory quality of our products subject to general terms of sale and delivery.



CORETAN-SULP

Sulfone Based White Syntan with High Tanning Power

PRODUCT SPECIFICATIONS

Property	Specification
Aspect	White to cream coloured powder
Basis	Condensate of Dihydroxy-diphenyl-Sulfone
Active content	95 % min.
pH	In 10% aqueous solution, 3.5 – 4.5
Solubility	Readily soluble in warm and cold water
Light Fastness	Excellent
Stability	Stable to Neutral salts, Acids and Bases in usual concentrations in tannery. Compatible with Synthetic and Vegetable tanning agents and Dyes

PROPERTIES



Improves **dye brilliancy** and depth.



It gives high level of **heat and light fastness**.



Gives **fine and uniform milling** effect, when used at low pH.



Imparts **full, fine and smooth grain** when applied in retanning.



Suitable for the production of **white leathers** including wet white tanning.



Can be used for **bleaching chrome and vegetable tanned leather**.

APPLICATIONS

CORETAN-SULP can be used in all stages for the production of any articles (e.g. uppers, garment, lining etc.)

- | | | | |
|---|---------------------|---|--|
| 1 | Chrome free tanning | : | 3.0 – 5.0 % CORETAN-SULP , based on pelt weight |
| 2 | White retanning | : | 4.0 – 6.0 % CORETAN-SULP , based on shaved weight |
| 3 | Other retanning | : | 2.0 – 4.0 % CORETAN-SULP , based on shaved weight |



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CORETAN-SWT

Whitening Syntan

PRODUCT SPECIFICATIONS

Property	Specification
Chemical composition	Phenol Sulfonic acid condensation product
Solids	97 %
Appearance	Off White Hygroscopic powder
pH – value 1:10	3.0 – 4.5
Charge	Anionic
Shelf life	Up to 10 months from the date of manufacture
Dilution	Added Undiluted

FIELD OF APPLICATION

In the retanning of white and light coloured leathers.

USAGE QUANTITIES

1	In white upper leather	:	4% – 8% CORETAN-SWT
2	For Drum dyed articles	:	4% – 6% CORETAN-SWT
3	El Pretanning	:	2% – 4% CORETAN-SWT

! **Note:** Color of the product may vary due to its characteristic. The product is in the form of an emulsion but may occur small variation in color and viscosity. However, this will not affect overall property of the leather. Need to stir / mix well before using.

PROPERTIES

-  **CORETAN-SWT** gives leather fullness and a fine grain.
-  Has excellent tanning action and hence is best suited for wet white and solo tannage.
-  Good filling properties.
-  **CORETAN-SWT** when used along with natural extracts, catalyses the extracts and provide light colour dyeing possible with even dyeing and brilliant shades.
-  In vegetable tannage pretanning with 3% to 4% **CORETAN-SWT** will improve the colour of the leather and accelerates for quicker penetration of vegetable extracts.
-  **CORETAN-SWT** provides good heat resistance which are essential for gloves and shoes used in iron and refractory industry.
-  Can be used in Pre-Tanning.



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CORESOL-NG

Neutralizing Syntan

CORESOL-NG is neutralizing syntan based on blend of salts of aromatic sulphonic acid with buffering agent.

CHARACTERISTICS

Property	Specification
Appearance	Reddish brown clear liquid
pH	6.5 – 7.5
Solid content	50 ± 2%
Solubility	Miscible with water

SPECIAL FEATURES



CORESOL-NG has good buffering and neutralizing properties, also imparts a mild tanning effect to the leather.



It penetrates into chrome complex and improves quality of chrome leather.



It is lightfast and gives level dyeing without weakening the dye intensity.



Due to its excellent buffering action there is no chance of excessive neutralization.

APPLICATION



Recommended dosage for neutralization of shoe upper leather

: **2 – 3%** on shaved wt.



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CORESYN-PAK

A neutralising agent for all types of leathers

PRODUCT SPECIFICATIONS

Property	Specification
Aspect	Light brown free flowing powder
Basis	Naphthalene sulphonic acid condensate
Solid content	95 ± 1.0%
pH	In 10% aqueous solution, 7.5 – 8.5
Solubility	Completely soluble in water
Light fastness	Excellent

PROPERTIES



Powdered neutralizing syntan, with effects of acid balance and alkali enhancement.



Can be used together with other neutralizing agents, such as sodium formate, sodium bicarbonate, etc.



Penetrates very quickly, neutralizes all remaining acid, and has a very good effect on pH adjustment.



It has uniform and dispersing effects on dyes, retanning agents and fatliquoring agents. Provides lightfastness for more even tone and smooth grain.



Does not over neutralise the leather when used even in more quantity.

APPLICATIONS

% based on Shaved Weight:

1		In sheep clothing	: CORESYN-PAK – 1.5 - 2.0%
2		Cowhide Upper Leather	: CORESYN-PAK – 1.0 - 2.0%
3		Cowhide Garment Leather	: CORESYN-PAK – 2.0 - 3.0%
4		Goat Upper Leather	: CORESYN-PAK – 2.0 - 3.0%
5		Upholstery Leather	: CORESYN-PAK – 2.0 - 3.0%



Our application recommendations are in line with our present state of knowledge. They do not, however, exempt the customer from performing his own tests to determine the suitability of the supplied products for their intended purposes. Application of the products lies outside the scope of our control and therefore comes within the customer's sphere of responsibility. We guarantee the satisfactory quality of our products subject to general terms of sale and delivery.



CORETAN-ALF

Aluminium Tri Formate

PRODUCT SPECIFICATIONS

Property	Specification
Aspect	Off White Powder
Basis	Aluminium Tri Formate
Moisture Content	5.0% Max.
pH	In 10% aqueous solution, 3.5 – 4.5
Solubility	Readily soluble with slight sediments
Light Fastness	Good
Stability	Stable in neutral salts, acids and bases in usual tannery concentrations
Compatibility	Compatible with synthetic and vegetable tanning agents and dyes

PROPERTIES



Excellent Dye Fixation

Provides excellent fixation to anionic dyes, improving dye brilliance.



Ideal for White Leather

Suitable for white leather as it provides excellent whiteness.



Superior Buffing Performance

Improves buffing properties and produces a short nap on nubuck and suede leather.



Waterproofing Aid

Can be used for fixing water repellent and waterproof fat liquors.



Excellent Tanning Performance

Possesses good tanning properties and can be effectively used together with chrome tanning.

APPLICATIONS

Application	Recommended Dosage
Chrome Free Tanning	3.0 – 6.0% CORETAN-ALF , based on pelt weight
Chrome Tanning	1.0 – 3.0% CORETAN-ALF , before chrome, based on pelt weight
Other Retanning	2.0 – 4.0% CORETAN-ALF , based on shaved weight
Fixing Waterproof Leather	2.0 – 3.0% CORETAN-ALF , based on shaved weight



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COREFAT-SSX

Lightfast Synthetic Fatliquor

PRODUCT SPECIFICATIONS

Property	Specification
Aspect	Brown coloured clear liquid
Basis	Based on saturated hydrocarbons
Active content	50 – 52%
Charge	Anionic
pH of 10% solution	7.0 – 8.0
Solubility	Soluble in water in any proportion, with clear solution
Stability	Good in anionic conditions

PROPERTIES



It is purely synthetic Light fast fatliquor with long chain Hydrocarbon.



It imparts excellent inner softness with smooth silky touch on the grain.



Due to the formation of micro emulsion in aqueous solution, it penetrates deeply and uniformly throughout the entire cross-section of leather giving uniform internal softness.



It can easily perform even if it is dissolved in cold water while application.



It has good Freeze Thaw property and maintains softness even in cold weather.



It imparts good run to the leather, so is also suitable for very soft gloving leather.

APPLICATIONS

	Softy side leather	:	3 – 6% COREFAT-SSX 50 on shaved weight
	Cow Nappa	:	5% COREFAT-SSX 50 on shaved weight
	White goat/sheep skin	:	6 – 8% COREFAT-SSX 50 on shaved weight
	Buff Upholstery	:	8 – 10% COREFAT-SSX 50 on shaved weight



Note: Color of the product may vary due to its characteristic. The product is in the form of an emulsion but may occur small variation in color and viscosity. However, this will not affect overall property of the leather. Need to stir / mix well before using.



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COREFAT SSF

Fatliquor based on Paraffin Wax

PRODUCT SPECIFICATIONS

Property	Specification
 Characteristics	Fatliquor based on paraffin wax
 Active Matter (% w/w)	75 ± 2
 pH of 10% solution	6.5 – 7.5
 Emulsion stability	Excellent, Stable to electrolytes & chrome bath
 Charge	Anionic
 Appearance	Viscous, Light Reddish brown to Dark Reddish brown liquid
 Light Fastness	Excellent
 Compatibility	Very good with like charged fatliquors and retanning agents. Also compatible with non ionic products.

PROPERTIES



Provides high penetrating power and high degree of softness.



Suitable for Nappa and other soft leathers.



Especially suitable for Industrial gloving leathers.



Imparts waxy feel.



Excellent lubrication and fullness.



Stable emulsion, suitable for use in electrolyte and chrome bath.



Compatible with other fatliquors and retanning agents.

APPLICATION

COREFAT SSF is specially designed for high penetrating power and high degree of softness.

- ✓ Suitable for Nappa and other soft leathers.
- ✓ Especially suitable for Industrial gloving leathers.
- ✓ Imparts waxy feel.
- ✓ Aids in improving softness and roundness in finished leather.

USAGE QUANTITIES

- 1** In Chrome Tanned Leathers : **Upto 5%**
- 2** In Vegetable Tanning : **Upto 8%**



Note: Color of the product may vary due to its characteristic. The product is in the form of an emulsion but may occur small variation in color and viscosity. However, this will not affect overall property of the leather. Need to stir / mix well before using.

STORAGE & SAFETY

 Safety	A non-hazardous industrial chemical should be handled with normal care. Any contact with eyes or spillage on skin should be washed thoroughly with running water.
 Storage	This product has 12 months shelf life when stored in original packing in sealed condition at ambient temperature. Protect from moisture & sunlight. Avoid freezing. Stir well before use. Close container tightly after use.



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COREPOL-PNA

Acrylic copolymer with softening and filling effect.

CHARACTERISTICS

Property	Specification
Appearance	Clear to slightly
Solid content	28 ± 1%
pH	7 ± 1%
Charge	Anionic

SPECIAL FEATURES



COREPOL-PNA is based on acrylic copolymer which imparts uniform filling and good roundness with fine grain.



COREPOL-PNA is highly suitable for lightfast and heat resistance leathers.



COREPOL-PNA can be used in combination of synthetic, vegetable and resin based retanning agents.



COREPOL-PNA can be used in retanning or fat liquoring to achieve good softness without any loose grain.

APPLICATION

- | | | | |
|---|----------------------------|---|---|
| 1 | Full grain shoe upper | : | 2 – 4 % COREPOL-PNA (percentage based on shaved weight) |
| 2 | Water resistant shoe upper | : | 2 – 4 % COREPOL-PNA (percentage based on shaved weight) |
| 3 | Softy nappa | : | 2 – 4 % COREPOL-PNA (percentage based on shaved weight) |
| 4 | Chrome free | : | 2 – 4 % COREPOL-PNA (percentage based on shaved weight) |



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COREPOL-RNA

Retanning Polymer Imparting Special Effects.

COREPOL-RNA is a retanning polymer imparting special effects.

CHARACTERISTICS

Property	Specification
Appearance	Clear to slightly coloured
Solid content	25 ± 1%
pH	7 ± 1%
Charge	Anionic

SPECIAL FEATURES



COREPOL-RNA is based on acrylic polymer which imparts uniform good softness and fullness.



COREPOL-RNA is highly suitable for lightfast and heat resistance leathers.



COREPOL-RNA can be used in combination of synthetic, vegetable and resin based retanning agents.



COREPOL-RNA can be used in retanning, neutralization or fat liquoring to achieve rubber like handle and good grain elasticity.

APPLICATION

- | | | | | |
|----------|-----------------------|---|----------------------------|-------------------------------------|
| 1 | Full grain shoe upper | : | 2 – 4 % COREPOL-RNA | (percentage based on shaved weight) |
| 2 | For rubbery effect | : | 4 – 8 % COREPOL-RNA | (percentage based on shaved weight) |



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COREPOL 1090

Acrylic Polymer with Dispersants

PRODUCT SPECIFICATIONS

Property	Specification
Chemical composition	Blend of Poly acrylates
Solids	35 to 38%
Appearance	Amber viscous liquid. May turn little Reddish yellow upon storage in long term
pH – value 1:10	6.0 – 7.0
Charge	Anionic
Shelf life	Up to 10 months from the date of manufacture
Dilution	Added Undiluted

PROPERTIES



COREPOL 1090 is suitable for filling and tightening all types of chrome leathers without grain harshness.



Allow even dyeing with brilliant shades.



Anionic retanning agent for all kinds of leather chrome tanned, semi-chrome and full vegetable leather.

FIELD OF APPLICATION

Anionic retanning agent for all kinds of leather chrome tanned, semi-chrome and full vegetable leather.

USAGE QUANTITIES

1	In the Softy & upper leather	:	3 – 5% COREPOL 1090
2	Garment leather	:	3 – 4% COREPOL 1090



Note: Color of the product may vary due to its characteristic. The product is in the form of an emulsion but may occur small variation in color and viscosity. However, this will not affect overall property of the leather. Need to stir / mix well before using.



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CORETAN-PF12

Aliphatic Aldehyde

PRODUCT SPECIFICATIONS

Property	Specification
Aspect	Clear to Pale Yellow Transparent Liquid
Basis	Aliphatic Aldehyde
Moisture content by Karl Fischer Method	45 ± 1.0%
Active content	45 ± 1.0%
Charge	Anionic
pH of 10% solution	6.0 – 7.0
Lightfastness	Excellent
Stability	Stable to almost all tanning agents, dyes and fatliquoring

PROPERTIES



It is free from free formaldehyde, so non-yielding in nature and has excellent light fastness.



Natural fats are dispersed in the tanning to improve the penetration and curing of chrome and vegetable tanning agents, giving the leather fullness.



It imparts a plump soft feel, improves grain strength, and resists perspiration.



It disperses fatliquor to improve the flexibility of the leather.



Suitable for various processes to improve leather quality, especially to increase the permeability of dyes and improve leveling performance.



It can be used for tanning, it can be used on chrome tanned leather and tanned leather.

APPLICATIONS

1		In sheep clothing	: CORETAN-PF12 – 1.5 – 2.0%
2		Cowhide Upper Leather	: CORETAN-PF12 – 1.0 – 2.0%
3		Cowhide Garment Leather	: CORETAN-PF12 – 2.0 – 3.0%
4		Goat Upper Leather	: CORETAN-PF12 – 2.0 – 3.0%
5		Upholstery Leather	: CORETAN-PF12 – 2.0 – 3.0%



Our application recommendations are in line with our present state of knowledge. They do not, however, exempt the customer from performing his own tests to determine the suitability of the supplied products for their intended purposes. Application of the products lies outside the scope of our control and therefore comes within the customer's sphere of responsibility. We guarantee the satisfactory quality of our products subject to general terms of sale and delivery.



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CORETAN GA50

Modified Gluteraldehyde Tanning Agent

PRODUCT SPECIFICATIONS

Property	Specification
Chemical composition	Modified Gluteraldehyde Tanning Agent
Solids	Approx 50%
Inonic	Anionic
Appearance	Clear Transparent liquid
pH – value	Approx 3.5 to 3.8 (Undilluted)
Shelf life	Up to 8 months from the date of manufacture
Stability to electrolytes	Stable to acids and salts under usual tannery conditions
Dilution	1:5 with water of 30 – 40° C.

PROPERTIES



CORETAN GA50 produces Wet white leather with shrinkage > 85° C.



Can also be used along with Chrome in low chrome articles.



Compatible with Veg tanning agents. Compatibility with Phenolics, Quaternary Ammonium Salts and Sulfated Oils need to be checked before usage.



To be added to drum at pH 3.5 to 3.8 to get good tanning action. At elevated pH **CORETAN GA50** will have complete exhaustion from the bath thereby making the tanning action complete.



Upon prolonged / Improper storage the appearance of the product may tend to slight yellow. But this will not affect the tanning property of the product.

FIELD OF APPLICATION

- In the tanning of wet white and chrome free leathers.
- In the pretanning and retanning of Veg and Chrome Leathers.

USAGE QUANTITIES

1	For General Articles depending upon the need	: 0.5% to 4% is recommended.
2	In case of Shrunk articles	: Consult of technical team.
3	For Wetwhite and Metal Free Tanning	: 3% – 5%



CORETAN GA50 is COMPLETELY FREE FROM FORMALDEHYDE. The products tends to change colour to slight Amber on ageing, but this will not affect the tanning property of the product.



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COREFAT BA

Lecithin Based Fat Liquor for Light Weight Extremely Soft Leather

PRODUCT SPECIFICATIONS

Property	Specification
Aspect	Beige Paste
Basis	Lecithin with synthetic oils
Solid content	50 ± 20%
pH	In 10% aqueous solution 6.0 – 8.0
Hard Water Stability	Stable
Alkali Stability	Stable
Electrolyte Stability	Stable

PROPERTIES



Gives good grain tightness with soft and smooth feel of the leather.



It is not very much pH sensitive.



It gives good plumping effect along with bleaching properties.



It helps in improving tensile and tearing strength of split leather.



Although bleaching, but lightfast in nature. Useful for light & pastel shades.

APPLICATIONS



Garment Leather : **3.0 – 4.0 % COREFAT BA** after neutralization



Upholstery Leather : **4.0 – 5.0 % COREFAT BA** after neutralization



Upper Leather : **2.0 – 4.0 % COREFAT BA** after neutralization



Suede Leather : **2.0 – 4.0 % COREFAT BA** after neutralization

Note: Color of the product may vary due to its characteristic. The product is in the form of an emulsion but may occur small variation in color and viscosity. However, this will not affect overall property of the leather. Need to stir / mix well before using.



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COREFAT PMR

Polymer Based Fat Liquor

PRODUCT SPECIFICATIONS

Property	Specification
 Appearance	Light Viscous Liquid
 Ionic character	Anionic
 Active matter	70 %
 pH value (10% soln)	6.5 – 7.5
 Storage stability	Minimum 1 year under cool and dry conditions when stored in original, sealed packaging.

DESCRIPTION

COREFAT PMR is a blend of synthetic and polymeric based fatliquor. It will give good fullness with softness to the leather.

For Garment type of articles **COREFAT PMR** will give good fullness without looseness. For upper type of leathers it will give good roundness with mellow feel.

COREFAT PMR can be used along with other fatliquor for getting desire fullness.

COREFAT PMR upholstery leather it can be used upto 20% based on shaved weight.

KEY BENEFITS

-  Provides good fullness and softness to the leather.
-  Gives good roundness with a mellow feel for upper leathers.
-  Can be used along with other fatliquors for enhanced results.

FIELD OF APPLICATION

-  Percentage Based on the article requirement.

USAGE QUANTITIES

1	In Chrome Tanned Leathers	:	Upto 5%
2	In Vegetable Tanning	:	Upto 8%



Note: Color of the product may vary due to its characteristic. The product is in the form of an emulsion but may occur small variation in color and viscosity. However, this will not affect overall property of the leather. Need to stir / mix well before using.



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COREFAT WES

Ester and Synthetic Base Fat-liquor

CHARACTERISTICS

	Ionic	Anionic
	pH - Value 1:10	6.5 – 7.5
	Appearance	Light pale liquid
	Active substance	60%
	Storage stability	Minimum 1 year under cool and dry conditions when stored in original, sealed packaging.

DESCRIPTION

COREFAT WES is an ideal blends of fat for very soft articles like Gloving Nappa, splits, dry-milled products, applicable on both chrome and vegetable tanned leather.

The special composition of **COREFAT WES**, formulated with natural sulphites and synthetic esters, suitable for an universal use: it can be used as sole fatliquors or in blend with other oils, based on the final article.

The use of **COREFAT WES** gives to the leather a pleasant final touch both on flesh and grain side.



FIELD OF APPLICATION

- Applicable on both chrome and vegetable tanned leather.
- Ideal for very soft articles like Gloving Nappa, splits, dry-milled products.

KEY BENEFITS



Provides excellent softness and full handle.



Improves leather touch and roundness on both flesh and grain side.



Can be used as sole fatliquor or blended with other oils for customized results.

USAGE QUANTITIES

1	For General Articles depending upon the need	: 0.5% to 4% is recommended.
2	In case of Shrunken articles	: Consult of technical team.
3	For Wetwhite and Metal Free Tanning	: 3% – 5%



Note: Color of the product may vary due to its characteristic. The product is in the form of an emulsion but may occur small variation in color and viscosity. However, this will not affect overall property of the leather. Need to stir / mix well before using.



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COREFAT 94C

Ester Based Fatliquor

PRODUCT SPECIFICATIONS

Property	Specification
 Chemical composition	Blend of Synthetic Oils and esters
 Solids	60 %± 2%
 Appearance	Reddish Brown fluid
 pH - value 1:10	5.0 – 6.5
 Charge	Anionic
 Stability to electrolytes	Stable to acids and salts under usual tannery conditions. Stable in chrome liquors.
 Shelf life	Up to 1 year at temperatures between 5 and 40° C.
 Dilution	Combinations with other fatliquors have to be stirred thoroughly before dilution. Dilution method: 1 : 3 with water of 50 – 60° C.

DESCRIPTION

COREFAT 94C is mainly used in the main fatliquoring bath for soft gloving, garment and upholstery leather where ever extreme softness is needed.

Can be used in the chrome tanning and retanning, in the main fatliquor.

PROPERTIES & APPLICATION



Good light fastness



Very good softness with light weight



Gives waxy touch and silky feel.



Excellent fullness with body and inner softness.



FIELD OF APPLICATION

- Mainly used in the main fatliquoring bath for soft gloving, garment and upholstery leather where ever extreme softness is needed.
- Can be used in the chrome tanning and retanning, in the main fatliquor.

KEY BENEFITS



Provides excellent softness and fullness.



Improves leather touch, smoothness and roundness on both flesh and grain side.



Compatible with all normal fatliquors and auxiliaries for versatile application.

USAGE QUANTITIES

1	Can be used as a single fatliquor upto 10% to achieve very high softness.	: Upto 10%
2	The combination of fatliquors to be incorporated on case to case basis depending on final article to be produced.	: As per requirement
3	However as the product is compatible with all the normal fatliquors and auxiliaries, the quantity of usage depends on the individual requirement of the article.	: Variable



Note: Color of the product may vary due to its characteristic. The product is in the form of an emulsion but may occur small variation in color and viscosity. However, this will not affect overall property of the leather. Need to stir / mix well before using.



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COREFAT LAN

Lanolin Based Fatliquor

PRODUCT SPECIFICATIONS

Property	Specification
 Chemical composition	Based on High quality Lanolin
 Appearance	Brown Turbid Fluid
 Fattening substance	55 %
 pH - value 1:10	5.0 – 7.0
 Charge	Anionic
 Stability to electrolytes	Highly stable to acids and salts under usual tannery conditions.
 Shelf life	Up to 10 months from date of manufacture
 Dilution	Combinations with other fatliquors have to be stirred thoroughly before dilution. Dilution method: 1 : 3 with water of 50 – 60° C.

FIELD OF APPLICATION



Special fatliquor for nourishment of heavy leathers and for burnish leathers.

PROPERTIES



COREFAT LAN provides excellent lubrication and nourishment even in very thick and hard leathers.



Minimises and avoids grain crack in Vegetable tanned Leathers.



Provides excellent burnish effect.



Best for shiny articles which also needs burnish effect.



Used along with **COREFAT HPZ** to give dark burnish effect.



Compatible with all other fatliquors.

USAGE QUANTITIES

1

In Chrome Tanned Leathers

:

Upto 5%

2

In Vegetable Tanning

:

Upto 8%



Note: Color of the product may vary due to its characteristic. The product is in the form of an emulsion but may occur small variation in color and viscosity. However, this will not affect overall property of the leather. Need to stir / mix well before using.



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CORETAN NDL

Special Multifunctional Syntan

PRODUCT SPECIFICATIONS

Property	Specification
 Chemical composition	Naphthalene Sulfonic Acid condensation product
 Solids	95 %
 Appearance	Pale Brown powder
 pH – value 1:10	6.5 – 8.0
 Charge	Anionic
 Shelf life	Up to 10 months from the date of manufacture
 Dilution	Added Undiluted

KEY BENEFITS

-  Ensures uniform pH and better process control.
-  Improves leather firmness and body.
-  Compatible with all other fatliquors.

USAGE QUANTITIES

- | | | | |
|----------|---------------------------|---|----------------|
| 1 | In Chrome Tanned Leathers | : | Upto 5% |
| 2 | In Vegetable Tanning | : | Upto 8% |

 **Note:** Color of the product may vary due to its characteristic. The product is in the form of an emulsion but may occur small variation in color and viscosity. However, this will not affect overall property of the leather. Need to stir / mix well before using.

FIELD OF APPLICATION

-  Neutralising of all types of chrome leather.

PROPERTIES

-  Provides through and through neutralisation with uniform pH through the leather.
-  Enhances uniform distribution of vegetable extracts and avoids grain crack in vegetable tanning.
-  Best suitable for washable articles and drum dyed articles.
-  **CORETAN NDL** provides leather firmness without disturbing grain smoothness or grain pattern.
-  Enhances dye penetration and avoids dye patches.

COREVEG MSP

Vegetable Extract based on Acacia

PRODUCT SPECIFICATIONS

Property	Specification
 Aspect	Light brown free flowing powder
 Basis	Vegetable product based on Acacia
 Active content	95% min.
 pH	In 10% aqueous solution, 4.5 – 5.5
 Solubility	Soluble in water with slight sediments
 Stability	Stable to Neutral salts, Acids and Bases in usual concentrations in tannery. Compatible with Synthetic and Vegetable tanning agents and Dyes

FIELD OF APPLICATION



It is very suitable for shoe upper leather and high quality leather tanning.

PROPERTIES



It gives fullness and smoothes the touch.



It can be specially used to improve loose parts.



It makes the grain tight and full to the touch without making the leather hard.



It imparts excellent embossing hold.



Is non-astringent and is readily soluble.



Is a modified vegetable extract, sulphited and spray dried to micron size.

APPLICATIONS

COREVEG MSP can be used in all stages for the production of any articles (uppers, garment, lining etc.)

1	Suede shoe leather	:	6.0 – 9.0% COREVEG MSP (based on shaved weight)
2	Upper leather	:	5.0 – 10.0% COREVEG MSP (based on shaved weight)
3	Leather goods	:	4.0 – 8.0% COREVEG MSP (based on shaved weight)
4	Suede shoe leather	:	4.0 – 8.0% COREVEG MSP (based on shaved weight)

USAGE QUANTITIES

1	In Chrome Tanned Leathers	:	4% – 25%
2	In Vegetable Tanning	:	4% – 25%



Note: Color of the product may vary due to its characteristic. The product is in the form of an emulsion but may occur small variation in color and viscosity. However, this will not affect overall property of the leather. Need to stir / mix well before using.

KEY BENEFITS



It gives soft fine and fuller leather.



It has very low astringency, allowing faster penetration and gives good filling.



It can be used together with other retanning agents to obtain a fine and firm grain.



It not sticky in nature and dissolves easily, making the leather surface firm and soft.



It has excellent tanning effect, which makes the leather body rich and soft without affecting the grain texture.



It is suitable for processing in all pH ranges.



COREVEG TA

Vegetable based modified Tara

PRODUCT SPECIFICATIONS

Property	Specification
 Appearance	Light brown colored powder
 Moisture content	5 % max.
 Solubility	Soluble in water giving hazy solution.
 pH of 10% emulsion	5.0 – 7.0

SPECIAL FEATURES



COREVEG TA imparts good fullness with fine grain.



COREVEG TA produces bright and light fast leathers.



COREVEG TA can also be used in combination of other veg syntans to improve light fastness and uniform colour.

APPLICATION



The recommended dosage is 4 – 5 %, on shaved wt., for upper leathers.



The recommended dosage is 5 – 6 %, on shaved wt., for corrected grain upper leather.

KEY BENEFITS



Imparts good fullness with fine grain.



Produces bright and light fast leathers.



Improves light fastness and uniform colour.

USAGE QUANTITIES

1

For upper leathers

:

4% – 5%

2

For corrected grain upper leather

:

5% – 6%



Note: Color of the product may vary due to its characteristic.

The product is in the form of an emulsion but may occur small variation in color and viscosity. However, this will not affect overall property of the leather. Need to stir / mix well before using.



COREVEG ATO

Vegetable Extract based on Family of Quebracho

PRODUCT SPECIFICATIONS

Property	Specification
 Aspect	Brown free flowing powder
 Basis	Vegetable Powder
 Active content	95% min.
 pH	In 10% aqueous solution, 5.0 – 6.0
 Solubility	Soluble in water with slight sediments
 Stability	Stable to Neutral salts, Acids and Bases in usual concentrations in tannery, Compatible with Synthetic and Vegetable tanning agents and Dyes

PROPERTIES

-  It gives soft fine and fuller leather.
-  It has very low astringency, allowing faster penetration and gives good filling.
-  It can be used together with other retanning agents to obtain a fine and firm grain.
-  It not sticky in nature and dissolves easily, making the leather surface firm and soft.
-  It has excellent tanning effect, which makes the leather body rich and soft without affecting the grain texture.
-  It is suitable for processing in all pH ranges.

APPLICATIONS

SWAEKASYN ATO can be used in all stages for the production of any articles (uppers, garment, lining etc.)

- | | | | |
|---|----------------|---|---|
| 1 | Upper | : | 3.0 – 8.0% of SWAEKASYN ATO on shaved wt. |
| 2 | Garment | : | 2.0 – 4.0% of SWAEKASYN ATO on shaved wt. |
| 3 | Light leathers | : | 2.0 – 6.0% of SWAEKASYN ATO on shaved wt. |
| 4 | Sheepskins | : | 3.0 – 7.0% of SWAEKASYN ATO on shaved wt. |

KEY BENEFITS

-  Provides soft fine and fuller leather.
-  Low astringency for better penetration and filling.
-  Works with other retanning agents for fine and firm grain.
-  Non-sticky and easy to dissolve; makes leather firm and soft.
-  Excellent tanning effect for rich and soft leather body.
-  Suitable for processing in all pH ranges.



Note: Color of the product may vary due to its characteristic. The product is in the form of an emulsion but may occur small variation in color and viscosity. However, this will not affect overall property of the leather. Need to stir / mix well before using.



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COREVEG CNT

Vegetable Extract based on Castanea

PRODUCT SPECIFICATIONS

Property	Specification
 Aspect	Brown powder
 Basis	Indian Origin Vegetable Extract based on family of Castanea
 pH (1:10)	3.5 – 4.5
 Solubility	Soluble with sediments
 Stability	Stable at wide range of pH

FIELD OF APPLICATION



It has main application in Burnish / Belting Leather, however its use in all kind of shoe upper and bag leathers.

PROPERTIES



It is a vegetable extract designed to impart firmness to the leather.



It is an astringent vegetable extract with high tannin content.



It gives leather very good fullness and grain tightness.



It can be used in combination with other vegetable or synthetic tannins to obtain desired effect.



It can be used for making water repellent leather.

APPLICATIONS

COREVEG CNT can be used in all stages for the production of any articles (uppers, garment, lining etc.)

1	Suede shoe leather	:	6.0 – 9.0% COREVEG CNT (based on shaved wt.)
2	Upper leather	:	5.0 – 10.0% COREVEG CNT (based on shaved wt.)
3	Leather goods	:	4.0 – 8.0% COREVEG CNT (based on shaved wt.)
4	Suede shoe leather	:	4.0 – 8.0% COREVEG CNT (based on shaved wt.)

USAGE QUANTITIES

1	In Chrome Tanned Leathers	:	4% – 25%
2	In Vegetable Tanning	:	4% – 25%



Note: Color of the product may vary due to its characteristic. The product is in the form of an emulsion but may occur small variation in color and viscosity. However, this will not affect overall property of the leather. Need to stir / mix well before using.

KEY BENEFITS



It is very suitable for shoe upper leather and high quality leather tanning.



It gives fullness and smoothes the touch.



It can be specially used to improve loose parts.



It makes the grain tight and full to the touch without making the leather hard.



It imparts excellent embossing hold.



Is non-astringent and is readily soluble.



Is a modified vegetable extract, sulphited and spray dried to micron size.



COREVEG GBR

Vegetable Extract

PRODUCT SPECIFICATIONS

Property	Specification
 Chemical composition	Blend of Gambier and Japonica
 Appearance	Reddish powder
 Shelf life	Up to 1 year at temperatures between 5 and 40° C.
 Dilution	Added diluted

DESCRIPTION



In the retaining of neutralised leather and more specifically for shoe uppers.

PROPERTIES



Gives tight leather with firm grain.



Good filling properties.



Allows an even dyeing with brilliant shades.



COREVEG GBR provides leather firmness without disturbing grain smoothness or grain pattern.



Enhances dye penetration and avoids dye patches.



FIELD OF APPLICATION

In the retaining of neutralised leather and more specifically for shoe uppers.

KEY BENEFITS



Provides tight leather with firm grain.



Good filling properties for better body.



Ensures even dyeing with brilliant shades.

USAGE QUANTITIES

1

In Chrome Tanned Leathers

:

Upto 25% replacement of vegetable extracts

2

In Vegetable Tanning

:

Upto 25% replacement of vegetable extracts



Note: Color of the product may vary due to its characteristic. The product is in the form of an emulsion but may occur small variation in color and viscosity. However, this will not affect overall property of the leather. Need to stir / mix well before using.



COREVEG CVW

White Vegetable Extract

PRODUCT SPECIFICATIONS

Property	Specification
 Chemical composition	Selective Vegetable Extract Condensate
 Appearance	Whitish powder
 Shelf life	Upto 10 months from the date of manufacture
 pH 10%	3.5 to 4.0
 Dilution	Added diluted

KEY BENEFITS

-  Provides tight leather with firm grain.
-  Good filling properties.
-  Excellent light fastness.
-  Enhances uniform dyeing with brilliant shades.
-  Provides excellent buffing and writing effect in Nubuck and suedes.
-  Short Nap suitable for shoe suedes.

USAGE QUANTITIES

1	In Chrome Tanned Leathers	:	3% – 10%
2	In Vegetable Tanning	:	3% – 10%

 **Note:** Color of the product may vary due to its characteristic. The product is in the form of an emulsion but may occur small variation in color and viscosity. However, this will not affect overall property of the leather. Need to stir / mix well before using.

FIELD OF APPLICATION

-  In the retanning of neutralised leather splits, bag leather, garment, upholstery and more specifically for shoe uppers.

PROPERTIES

-  Excellent light Fastness.
-  Gives tight leather with firm grain.
-  Good filling properties.
-  Provides very good body and rubbery feel with flat grain.
-  Increases affinity to dyes and Enhances uniformity of dyeing without patch.
-  Excellent dye bath exhaustion.
-  Provides excellent buffing property and writing effect in Nubuck and suedes.
-  Short Nap is produced which is suitable for shoe suedes.

FIELD OF APPLICATION

-  In the retanning of neutralised leather splits, bag leather, garment, upholstery and more specifically for shoe uppers.

COREVEG VC

Vegetable Compact Syntan

PRODUCT SPECIFICATIONS

Property	Specification
 Chemical composition	Blend of Natural and Synthetic tannins
 Appearance	Light tan powder
 pH – value 1:10	4.5 – 5.0
 Charge	Anionic
 Shelf life	Up to 1 year at temperatures between 5 and 40° C.
 Dilution	Added Undiluted

KEY BENEFITS

-  Provides tight leather with firm grain.
-  Good filling properties with roundness.
-  Allows an even dyeing with brilliant shades.
-  Best for shoes, uppers, nubuck, split articles.

USAGE QUANTITIES

1	In Chrome Tanned Leathers	:	4% – 25%
2	In Vegetable Tanning	:	4% – 25%

 **Note:** Color of the product may vary due to its characteristic. The product is in the form of an emulsion but may occur small variation in color and viscosity. However, this will not affect overall property of the leather. Need to stir / mix well before using.

FIELD OF APPLICATION



In the retanning of neutralised leather and more specifically for shoe uppers.

PROPERTIES



Gives tight leather with firm grain.



Good filling properties with roundness.



Allows an even dyeing with brilliant shades.



Best for shoes, uppers, nubuck, split articles.

APPLICATION



The usage quantity depends on the final optique requirement which varies from 4% to 25%.

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Discuss your article, process stage and target result

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Product suitability and dosage must be validated under the customer's process conditions.