

Manufacturers of Leather Dyes & Tanning Chemicals

C-24, Royal Industrial Estate, Naigaon Cross Road,
Wadala, Mumbai - 400031 India • Tel : +91-22-2415 6162 / 2415 613

Email : parth@parth-international.co.in • Website: www.parth-international.co.in



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PRODUCT LIST FOR TANNING

NO.	PRODUCT CATEGORY
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BEAM HOUSE AND PRETANNING AUXILIARIES

NO.	PRODUCT	CLASSIFICATION	CHEMICAL NATURE	pH 10% Solution	% SOLIDS	DATA/ LIGHT FASTNESS	SPECIAL FEATURES
1	PI-lime EDS Ultra	Dehairing & Soaking Enzyme	Blend of selected proteases	9.5-10.5	98+2	Optimum Temp. 30-35 degrees centigrade	Gives flat and firm grain. Gives wrinkle free pelt
2	PI-bate ALK	Alkali Bate (1500 LVU /GM)	Protease enzyme	--	100	Optimum Temp. 30-35 degrees centigrade	Gives clean, fallen, flaccid pelt. (Opt. pH- 8.5-9.5)
3	PI-bate ALKC	Alkaline Bating Agent(1200LVU/GM)	Protease enzyme	--	100	Optimum Temp. 30-35 degrees centigrade	Gives clean, fallen, flaccid pelt. (Opt. pH- 8.5-9.5)
4	PI-bate ALKS	Alkaline Bating Agent(800LVU/GM)	Protease enzyme	--	100	Optimum Temp. 30-35 degrees centigrade	Gives clean, fallen, flaccid pelt. (Opt. pH- 8.5-9.5)
5	PI-bate ALK Ultra Conc	Alkali Bate (15,000 LVU/GM)	Protease enzyme	--	100	Optimum Temp. 30-35 degrees centigrade	Gives clean, fallen, flaccid pelt. (Opt. pH- 8.5-9.5)
6	PI-bate AC	Acid Bate(1500 LVU/GM)	Protease enzyme	--	100	Optimum Temp. 30-35 degrees centigrade	Gives clean, fallen, flaccid pelt. Improves feel & firmness of grain.(Opt. pH- 3.5-4.5)
7	PI-bate ACS	Acid Bate (800LVU/GM)	Protease enzyme	--	100	Optimum Temp. 30-35 degrees centigrade	Gives clean, fallen, flaccid pelt. Improves feel & firmness of grain.(Opt. pH- 3.5-4.5)
8	PI-bate AC Ultra Conc	Acid Bate (15000 LVU/GM)	Protease enzyme	--	100	Optimum Temp. 30-35 degrees centigrade	Gives clean, fallen, flaccid pelt. Improves feel & firmness of grain.(Opt. pH- 3.5-4.5)
9	PI-tan BFR	Safe Basifying Agent	Blend of special organic compounds	10.5	96	Good	A safe basifying agent to be added in one feed. Best chrome exhaustive aid. Gives smooth grain @ increases pH gradually. Eliminates the risk of grain abrasion.

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10	PI-tan BFN	Modified Safe Basifying Agent	Blend of special organic compounds with special masking agents	10.5	90	Good	A safe basifying agent with masking agents to be added in one feed. Gives efficient chrome exhaust and ensures bright colour, uniformity & smooth grain.
11	PI-tan MO	Safe Basifying Agent	Blend of special organic compounds	10	98	Good	A safe basifying agent to be added in one feed. Gives efficient chrome exhaust and ensures brighter colour.
12	PI- Picaltal S Powder	Non-Swelling Pickling Agent	Mixture of aromatic Sulphonic acid with organic compounds	0.7	100	--	Eco- friendly non swelling pickling agent which reduces pickling time by almost half. Leathers with exceptional fullness fine smooth grain and mellow handle are obtained.
13	PI-lix HS	Anti Wrinkle auxiliary	Blend of anionic organic compounds.	10.5	50	--	Reduces drawn grain and wrinkles in the pelt. Also reduces backbone fat problems and neck wrinkles.
14	PI-lime LA Liquid	Liming Auxiliary	Blend of amino compounds.	10.5	50	--	Used for easier and effective dehairing and reduces swelling of pelts. Gives clean and scudfree grain surface. It reduces growth marks and folds.
15	PI-lix BW	Soaking agent	Combination of organic sulphur compound , wetting agent and a bactericide.	9.5-11.0	50	--	Accelerates soaking process by its good wetting properties. Prevents bacterial growth and has active effect on soluble proteins, blood and grease residues.
16	PI-delimer DL	Deliming Agent	Blend of organic and inorganic salts.	5	95	--	Gives an even deliming effect and completely removes the lime and activates chrome exhaustion.
17	PI-delimer AF	Nitrogen Free Deliming Agent	Blend of organic and inorganic salts.	5	93	--	Gives an even deliming effect and completely removes the lime. Gives very light pelts and leathers with fine grain.
18	PI-soakwell	Soaking enzyme (1500LVU/GM)	Blend of proteolytic and lipolytic enzymes.	7.0-9.0	96	Optimum Temp. 30 Degrees Centigrade	Gives clean, fallen, flaccid pelt. Improves feel and ensures through wetting of the skin/hide (both wet and dry salted)

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1	PI-slip P Power	Slip Agent	Mixture of Inorganic and organic Compounds	6.5-7.0	95	--	Prevents entanglement and knotting and also reduces risk of tearing of leathers during production.
2	PI- DS Powder	Organic Sequestering Agent	Mixture of EDTA & modified meta phosphate	10.5	90+2	Good	For solubilising and equal penetration of different dyes with good levelling. Also acts as water softening agent.
3	PI- DSP Powder	Powerful organic sequestering agent	Mixture of EDTA & polyphosphates	10	90	Good	For solubilising, levelling and penetration of different dyes. Also acts as water softening agent.
4	PI-tan AP	Masking and basifying agent.	Mixture of special dicarboxylic acids	7	100	Good	Enhances fullness and improves tightness of grain. Improves uptake and fixation of chrome tanning agent. Reduces chromium content in the tannery effluents.
5	PI-lix DLA	Amphoteric Dispersing Agent	Amphoteric fatty acid derivative containing water solubilising groups	8	50+2	Good	Disperses chromes and natural fats evenly throughout cross-section of leather. Helps to promote level dryings and enhances the softness of the leather.
6	PI-tan LR	Dye Levelling and Dispersing Agent	Sodium Salt of an aromatic Sulphonic acid ,anionic	7.0-8.0	96	Excellent	Dispersing and levelling agent for retannages with vegetable tannins as well as for anionic and nonionic resin tannins.
7	PI-tan ND	Dye Levelling and Dispersing Agent	Sodium Salt of an aromatic sulphonic acid, anionic.	7.0-8.0	98	Excellent	Dispersing and levelling agent for retannages with vegetable tannins.
8	PI-tan LDP	Dye Levelling, Solubilising & Dispersing Agent	Blend of EDTA and Sodium salt of aromatic sulphonic acid	8	96	Excellent	Gives better penetration, dispersion and levelling of retannages with vegetable tannins. Removes iron stains from leather.
9	PI-tan SL-2	Dispersing and bleaching agent	Naphthalene sulphonic acid condensate.	1.8-2.0	96	Good	Gives bleaching effect to vegetable or retanned leather. Suitable for bleaching soles sandals and vegetable tanned leather.

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10	PI-fill PB Powder	Protein Filler	Modified protein	6.5	96-98	Good	Improves feel, fullness, flexibility and substance of the leather. Also facilitates uniform buffing, finishing and plating operations.
11	PI-fix L	Fixing Agent	Inorganic compound	2.5	100	Good	Provides better uniformity of colour, penetration, fastness and physical properties compared to fixatives. More economical than other conventional fixing agents.
12	PI-fix 9FD	Formaldehyde Free Dye Fixing Agent	Modified polyakyleneamine	6.0+-1	30	Good	Improves dry and wet rub fastness of dye. Increases dye brilliancy and depth. It does not affect the touch of the leather.
13	PI-fix TA	Fixing Agent	Derivative of oxalic acid	1.5-2.0	50	Good	Perfect replacement for traditional organic and inorganic acids. Gives very low COD/BOD load on the effluent systems.
14	PI-degreaser DGI Liquid	Degreasing Agent	Blend of solvent and anionic emulsifier	5.0-6.0	25	Good	Removes excess fatty matter and improves dispersion of natural fat present. It prevents chrome soap formations during chrome tanning. Minimises backbone patches in suede dyeing.
15	PI-degreaser AMG Spl.	Degreasing Agent	Polyglycol ether	5.0-6.0	50	Excellent	Removes excess fatty matter but also redistributes natural fats. Imparts a fuller & supple feel & clears the grain for tanning operations.
16	PI-degreaser OC	Degreasing Agent	Combination of nonionic wetting agents and fatty alcohols	6.0-7.0	100	Good	Removes excess fatty matter and improves dispersion of natural fat present in the skin and hides. Enables even distribution and absorption of chrome tanning.
17	PI-wet WJ40	Wetting Agent	Complex active surfactant	9.0-10.0	40	--	Helps in uniform soaking by removing natural fats and chrome soaps. It helps in uptake of all chemicals used in subsequent operations.

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1	PI-tan P	Pretanning Syntan	Phenol Condensate	3.5-4.0	96-98	Excellent	Possesses excellent dispersing property and is very useful in vegetable tanning. For full and tight leather and lightens the colour of leather
2	PI-tan CSN	Chrome Syntan	Chrome Complex of phenol sulphonic acid condensate	4	88	12%Cr2O3	Rechroming agent for soft & full leathers.
3	PI-tan NS	Neutralising Syntan	Naphthalene Sulphonic acid condensate	7.0-7.5	96	Excellent	Very good dye levelling agent. Disperses and helps vegetable tannins to penetrate.
4	PI-fil RHN	Acrylic Resin Syntan	Aqueous solution of acrylic copolymer	6.0-6.5	30	Excellent	Gives full & tight leather with a fine break, improving the adhesion of finishes.
5	PI-tan P540	Acrylic Resin Syntan	Acrylic copolymer	4.0-4.5	37	Excellent	Gives full & tight leather with a fine break. Suitable for chrome tanned and semi-chrome leathers. Improves uptake of chrome.
6	PI-fil MAC-30	Styrene Maleic Copolymeric Syntan	Styrene Maleic Resin	7.0-8.0	30	Excellent	Gives full & tight leather with fine break. Compatible in chrome tannages.
7	PI-tan RSI	Aminoplast Resin Syntan	Amino resin blended with anionic dispersant	9.0-10.0	94	Good	Good filling in belly areas. Gives tight & mellow leather. Improves buffability of leather.
8	PI-tan MEL	Melamine concentrate syntan	Nitrogen containing resin	9.5	98	Good	Strong filling property. Gives tight and mellow leather and improves buffability of leather.
9	PI-tan FR6	Melamine Syntan	Nitrogen containing resin	9.5	90	Good	Produces soft, tight grained and rubbery leather. Gives very good miling effect. Improves buffing properties and suede and nubuck leather. It has strong filling action.
10	PI-tan FRS	Melamine Resin with special additives	Nitrogen containing resin	9.5	90	Good	Good filling in belly areas. Gives short & uniform napps in nubucks & suedes. Produces soft & tight grained leather.
11	PI-fil ME	Aqueous Solution of melamine	Melamine formaldehyde condensate	6.5-7.5	50	Excellent	Produces soft, full & tight grain leather besides improving the nap in nubucks and suedes. Increases intensity & depth of dyed shade.

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12	PI-fil KE	Aqueous Solution of melamine	Melamine formaldehyde condensate	2.5-3.0	55	Excellent	Produces soft, full & tight grain leather besides improving the nap in nubucks and suedes. Increases intensity & depth of dyed shade.
13	PI-tan DNF	Dicyndiamide Resin concentrate	Dicyndiamide Resin	8.0-9.0	98	Good	Gives softer and fuller leather. Increases tensile strength of leather.
14	PI-tan DCN7	Dicyndiamide Syntan	Dicyndiamide Resin	8.0-9.0	93	Good	Gives softer and fuller leather.
15	PI-tan SW	Phenol Formaldehyde Free white Replacement Syntan	Blend of sulphonic acid condensate & synthetic vegetable cellulose	3.5-4.0	94	Excellent	Produces very good white leather with excellent fullness softness & tightness, together with a fine smooth grain.
16	PI-tan WLE	White Replacement Syntan	Phenol condensation product	3.0-3.5	96	Excellent	Produces very good white leather with excellent fullness softness & tightness, together with a fine smooth grain.
17	PI-tan DI	Synthetic Replacement Syntan	Phenol naphthol condensate	3.0-3.3	96	Excellent	For full tight leather with improved buffing properties
18	PI-tan OS	Synthetic Replacement Syntan	Phenol naphthol condensate	3.0-3.5	98	Excellent	Gives high degree of suppleness to leather and improves tightness of grain. Improves filling of the flanks and improves distribution of retanning agents throughout the leather cross-section.
19	PI-tan ANF	Synthetic Replacement Syntan	Phenol naphthol condensate	6.5-7.5	95	Excellent	Gives mellower but tight grain with soft handle
20	PI-tan DHS	Concentrate sulphone based syntan	Dihydroxy-diphenyl sulphone condensate.	3.5	98	Excellent	Helps in getting smooth & tight grain with improved filling of flanks. Used for both chrome & vegetable tanning.
21	PI-tan SDF	Sulphonated Based Synthetic Replacement Syntan Formaldehyde Free	Phenol-sulphonic acid condensate	3.5	94+-2	Excellent	Gives high degree of suppleness to leather and improves tightness of grain. Improves filling of the flanks and improves distribution of retanning agents throughout the leather cross-section.
22	PI-tan PR-10	Phenolic-Resin Bridged Replacement Syntan	Phenolic – Resin Bridged Tannin	3.5-4.0	65	Excellent	For full tight leather, Eliminates boniness. Compatible in chrome tannages and improves uptake of chrome.

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23	PI-tan AL Liquid	Aluminium Syntan	Masked and basified aluminium salt	3.5-4.0	38	Good	Helps in faster and more uniform chrome tanning. Improves the nap of suedes. Increases shrinkage temperature, smoothness of grain and increases intensity of dye shades.
24	PI-tan ALP	Aluminium Syntan	Aluminium Triformate	3.0-4.0	92	Excellent	Helps in uniform chrome tanning. Improves nap of suedes and nubucks. Increases smoothness of grain and increases intensity of dyed shades.
25	PI-tan PG 50	Glutaraldehyde Syntan	1,5-Pentanedial, Glutaraldehyde	3.5-4.0	49-51	Good	Gives softer and fuller leather. Improves uptake of chrome.
26	PI-tan PMT	Mineral Tanning Agent	Blend of aluminium, zirconium and synthetic vegetable cellulose	3.5-4.0	96	Excellent	Gives compact & soft leather. Improves water resistance, tensile and puncture strength of leather.
27	PI-tan ZMT	Mineral Tanning Agent	Blend of zirconium and synthetic vegetable cellulose	4	96	Excellent	Gives compact & soft leather. Improves tensile strength of leather.

VEGETABLE EXTRACTS

NO.	PRODUCT	CLASSIFICATION	CHEMICAL NATURE	pH 10% Solution	% SOLIDS	DATA/ LIGHT FASTNESS	SPECIAL FEATURES
1	PI- Mimosa MS	Vegetable Extract	Mimosa Extract	4.0-4.5	68% tannins	Good	Its a soft Mimosa single bleached extract for any kind of vegetable leather and also for retannage of chrome leather
2	PI- Mimosa ME	Vegetable Extract	Mimosa Extract	4.5-5.0	72% tannins	Good	Its excellent for pit or drum tannage and also for retannage of chrome leather.

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3	PI- Vegtan DW	Modified Vegetable Extract	Pyrogallol Vegetable Tannin materials with fillers	4.0-5.0	90	Excellent	For retannage of chrome leather.
4	PI- Vegtan MC Special	Modified Vegetable Extract	Pyrogallol and Catechol mixed vegetable extract with fillers	5	90	Excellent	Excellent tanning & high filling properties for retannage of chrome leather.
5	PI- Quebracho ATO Powder	Vegetable Extract	Quebracho extract (Concentrated)	4.5-5.0	72% tannins	Good	Excellent tanning & high filling properties for retannage of chrome leather.
6	PI- Quebracho ATG Powder	Vegetable Extract	Quebracho extract (Concentrated)	4.5-5.0	72% tannins	Good	Excellent tanning & high filling properties for retannage of chrome leather.
7	PI- Quebracho ATO G	Vegetable Extract	Quebracho extract	5	70% tannins	Good	Excellent tanning & high filling properties for retannage of chrome leather.
8	PI- Quebracho ATOGC	Vegetable Extract	Quebracho extract	5	75% tannins	Good	Excellent tanning & high filling properties for retannage of chrome leather.
9	PI- Chestnut CHN Powder	Vegetable Extract	Unsweetened Chestnut Extract	4.5-5.0	70% tannins	Good	Excellent tanning & high filling properties for retannage of chrome leather.
10	PI- Chestnut CHS	Vegetable Extract	Sweetened Chestnut Extract	4.5-5.0	70% tannins	Good	Excellent tanning & high filling properties for retannage of chrome leather.
11	PI- Tara Powder N	Vegetable Extract	Modified Tara Extract	4.0-4.5	93	Good	For any type of vegetable leather and retannage of chrome leather.
12	PI-tan FG	Vegetable Extract	Modified Gambier Extract	4.5-5.0	90	Good	Excellent tanning properties for vegetable tannage and also for retannage of chrome leather.
13	PI- Wattle/C	Vegetable Extract	Wattle Extract	4.5-5.0	70% tannins	Good	Excellent tanning & high filling properties for retannage of chrome leather.
14	PI- Myrobalan extract	Vegetable Extract	Myrobalan extract	4	50% tannins	Good	For any type of vegetable leather and retannage of chrome leather.

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FATLIQUORS

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1	PI-synthoil FO	Fish Oil	Sulphited Deodourised high quality fish Oil	7.0-8.0	80	Good	Recommended for nappas, uppers, upholstery, lining & garments. Its chrome stable
2	PI-synthoil LF-10	Fish Oil	Sulphited deodourised high quality fish oil	7.0-8.0	75	Good	Recommended for nappas, uppers, upholstery, lining & garments. Its chrome stable
3	PI-synthoil LF-8	Fish Oil	Sulphited deodourised good quality fish oil	7.0-8.0	70	Fair	Recommended for nappas, uppers, upholstery, lining & garments. Its chrome stable
4	PI-oil VLP	Vegetable Oil	Sulfonated Vegetable Oil	7.5	60	Good	Suitable for upper, lining & crusts. Gives micro emulsion.
5	PI-synthol MKV Liquid	Semi-Synthetic Oil	Anionic based on synthetic oils, modified vegetable oil, esters of fatty substance and monohydric alcohol sulphited	6.0-7.5	65	Good	Recommended for softy, cow dry milled, buff upper, sheep nappa & split suedes. It is non-yellowing & non spewing.
6	PI-synthol LCD	Semi-Synthetic Oil	Blend of sulphated synthetic oil and sulphated vegetable oil	6.5-7.5	60	Good	Recommended for split suedes, softy, buff upper and nubucks
7	PI-synthoil SV liquid	Synthetic Oil	Anionic, based on synthetic oils, sulphited natural oil, esters of fatty substances and monohydric alcohol	7.0-8.0	65	Good	Recommended for softy, cow dry milled, buff upper, sheep nappa & split suedes.
8	PI-synthol GLN	Lanolin Oil	Lanolin based	7.0-8.0	60	Good	Suitable for softy upper, nappa, upholstery and garments for high degree softness with fullness and pleasant handle.
9	PI-synth SOL 9B	Solvent based oil	Sulphated natural oil in solvent	6.5-7.5	80	Good	Suitable for softy upper, nubuck, suedes, garments and gloving. Gives lustrous sheen to suede.
10	PI-synthol Liquor SPG	Synthetic Sperm Oil	Anionic oil based on high molecular weighty fatty ester	8.0-9.0	65	Good	Suitable for glazed kid upper, softy upper, nappa, lining, garment, bag leather & aniline buff calf.
11	PI-synthol Liquor 793SN	Synthetic Hydrocarbon Oil	Anionic oil based aliphatic hydrocarbons	6.5-7.5	65	Excellent	Recommended for nubuck, suede, softy upper, gloving & garment. It avoids spew formation on leather surface.
12	PI-synth 1104 NQ	Synthetic Light Fast Oil	Sulphonated ester, triglycerides of high molecular weight and alkanes of long chain	7.0-8.0	60	Very Good	Suitable for softy upper, nubuck, nappa, garment, upholstery, drymill, lining for excellent softness without looseness.
13	PI-synth SL-47	Synthetic Light Fast Oil	High Molecular sulphited synthetic Ester, solvent and long chain alkanes	8	75	Very Good	Recommended for nappa, gloving, garment, glazed kid goat, uppers, nubuck, softy upper & bags leather.

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14	PI-synth 1047	Synthetic Oil	Combination of high molecular sulphonated hydrobarbons and sulphonated esters	6.0-7.5	65	Good	Suitable for softy upper, nappa, nubuck, garment, upholstery, dry mill and lining for excellent softness without looseness.
15	PI-synth 2100	Synthetic Light Fast Oil	Synthetic Sulphited Ester	6.0-7.5	70	Excellent	Recommended for gloving, nappa, garment, glazed kid goat, softy upper and bag leather.
16	PI-synth 1194	Compact Synthetic light fast oil	Anionic Oil based on sulphonated esters	6.0-8.0	70	Excellent	Specially recommended for garment, nappa, upholstery, nubuck as it gives excellent softness with light weight.
17	PI-synthol SSL	Synthetic Oil	Anionic oil based on Sulphochlorinated paraffin wax free of natural fats and mineral oil	6	65	Good	Suitable for nubuck, suede glove, cow upper, sheep and goat lining and clothing nappa leather.
18	PI-synthol SLP	Synthetic Oil	Combination of synthetic oils with surface active agents	--	50	Good	Being electrolyte & acid stable it is used in pickle and chrome tannage.
19	PI-synthol SPF	Synthetic Oil	Anionic fatliquor based on fatty ester and sulphited fish oil	8	80	Good	Particularly recommended for upholstery, garment and softy upper.
20	PI-synthol GBS	Lecithin Oil	Combination of natural phospholipids (soyalecithin) with synthetic softners	7.5-8.0	50	Good	Recommended for shoe nappa, goat or sheep garment nappa, upholstery nappa and goat, sheep or split suedes.
21	PI-synthol LC	Lecithin Oil	Combination of natural phospholipids (soyalecithin) with synthetic softners	7.5-8.0	70	Good	Recommended for shoe nappa, goat or sheep garment nappa, upholstery nappa and goat, sheep or split suedes.
22	PI-synthol BW38	Synthetic Sperm Oil	Sulphonated ester	6.5	60	Excellent	Suitable for softy upper, nappa, lining, glazed kid upper. Aniline buff calf, garment and bag leather.
23	PI-synth MZU	Synthetic Light Fast Oil	Sulphited ester	6.5-7.5	65	Excellent	Recommended for furs, suedes and all types of leather. It is electrolyte stable and can be used in pickle, tanning, retanning & fatliquoring. Imparts glaze and sheen to suedes. It makes leather soft, supple and stretchy.
24	PI-synth WWL	Synthetic Oil	Mixture of sulphited natural & synthetic fatty substances	6.5-7.0	50	Good	Recommended for suedes, gloving leather, garment and shoe nappa.
25	PI-soft GSIN	Cationic Fat	Cationic, Fatty acid condensation product	4.0-5.0	--	Very Good	Mainly used in chrome bath for imparting smooth & pleasant handle. Can be used as a top fat liquor for getting waxy handle. Controls the absorption of finishes. It is highly electrolyte stable.
26	PI-lene WL50	Synthetic Oil	Fatty acid amide in aqueous solution	7	50	Good	Has ability to disperse the chrome salt in chrome tanning and assists in even distribution of chrome. Can also be used as a multicharged fatliquor.