



Divine Chemicals Company
Innovating Chemistry

Dycotan:

Retanning Syntan; based on chrome complex; Penetrates rapidly through the pelt producing leather with even distribution throughout the cross section of leather raising shrinkage temperature, imparts improved softness, fullness, tightness, grain smoothness with mellow handle.

Synthetic Vegetable Tanning Agent; Tanning and retanning product imparts excellent fullness, roundness, effective filling, uniform and leveled color with fine grain. It helps in improving cutting area yield of leather. It is particularly suitable for retanning of wet blues to obtain fuller, fine and closed grain with excellent reactivity.

Neutralizing syntan; Imparts uniform and controlled neutralization on chrome and vegetable tanned leathers. It is compatible with mineral and vegetable tanning and ensures even penetration of tanning and retanning material, gives level & enhanced dyeing and fatliquoring. It reduces grain loading and acts as good leveling agent. Mild retanning, mild neutralizing and strong buffering action make it suitable for all types of leather.

Dye Leveling and Dispersing Syntan- It has very good dispersing effect during dyeing process to result in a level uniform dyeing. It has mild affinity for chrome and vegetable leathers, levels the grain surface resulting in smooth and tight grain and improves the penetration and distribution of subsequent retanning agents and thereby it adds uniformity of retanning and improves the fullness and handle of the finished leather. It helps to disperse and increase the uptake of tanning, retanning, vegetable tanning and synthetic tanning materials.

Retanning Syntan- Chrome complex

Product	Base	Appearance	Total Solids %	pH / Charge	Uses / Benefits
Dycotan CN	Combination of chrome with aromatic sulphonic acid condensate	Greenish powder	95 ± 2	3.5-5.0 / Anionic	Dycotan CN imparts good fullness, grain tightness, softness, leveling with round handle and buffing property. When Dycotan CN is used during rechroming, it imparts firmness, tightness, smoothness with mellowness and suppleness to the grain with better tensile strength. Neutralization could be done in the same bath, subsequent dyeing is more uniform and even. Dycotan CN is usually applied as versatile combination tanning agent for rechroming chrome tanned and semichroming EI-tanned leathers. Dycotan CN penetrates rapidly through the pelt producing leather with even distribution throughout the cross section of leather raising shrinkage temperature. Dycotan CN can be used 4 to 6 % depending on type of leather to be produced and result desired. Suitable for all types of leather.
Dycotan CNFF	Chrome complexed with aromatic sulphonic acid	Greenish powder	95 ± 2	3.5-5.0 / Anionic	Dycotan CNFF is free of free formaldehyde product imparts good fullness, grain tightness, softness, leveling with round handle and buffing property. When Dycotan CNFF is used during rechroming, it imparts firmness, tightness, smoothness with mellowness and suppleness to the grain with better tensile strength. Neutralization could be

	condensate				done in the same bath, subsequent dyeing is more uniform and even. Dycotan CNFF is usually applied as versatile combination tanning agent for rechroming chrome tanned and semichroming EI-tanned leathers. Dycotan CNFF penetrates rapidly through the pelt producing leather with even distribution throughout the cross section of leather raising shrinkage temperature. Dycotan CNFF can be used 4 to 6 % depending on type of leather to be produced and result desired. Suitable for all types of leather.
Dycotan CNE	Combination of chrome with aromatic sulphonic acid condensate	Greenish powder	95 ± 2	3.5-5.0 / Anionic	Dycotan CNE imparts good fullness, grain tightness, softness, leveling with round handle and buffing property. When Dycotan CNE is used during rechroming, it imparts firmness, tightness, smoothness with mellowness and suppleness to the grain with better tensile strength. Neutralization could be done in the same bath, subsequent dyeing is more uniform and even. Dycotan CNE is usually applied as versatile combination tanning agent for rechroming chrome tanned and semichroming EI-tanned leathers. Dycotan CNE penetrates rapidly through the pelt producing leather with even distribution throughout the cross section of leather raising shrinkage temperature. Dycotan CNE can be used 4 to 6 % depending on type of leather to be produced and result desired. Suitable for all types of leather.
Dycotan CP	Complex syntan derived from phenol sulphonic acid condensate and chrome	Greenish powder	96 ± 2	2.7-4.8 / Anionic	Dycotan CP is free of free formaldehyde product penetrates rapidly through the pelt producing leather with even distribution throughout the cross section of leather raising shrinkage temperature. Dycotan CP is recommended for rechroming of chrome tanned leather and semi chroming of vegetable tanned leather. Dycotan CP imparts improved softness, fullness, tightness, grain smoothness with mellow handle. Dycotan CP enhances affinity of leather for anionic dyes and improves buffing properties. In retanning vegetable tanned leathers Dycotan CP imparts fine grain, more fullness and softer handle. Dycotan CP is suitable for light shade and white leathers and improves tensile strength. It can be used alone in rechroming. Dycotan CP can be used 4 to 6 % depending on type of leather to be produced and result desired. Suitable for all types of leather.
Dycotan CV	Vegetable and chrome complex syntan	Greenish powder	96 ± 2	3.0-5.0 / Anionic	Dycotan CV is free of free formaldehyde unique product imparts good fullness, grain tightness, softness, leveling with round handle and better buffing property. When used in rechroming Dycotan CV imparts plumpness, firmness, grain tightness and excellent filling in loose areas and thereby better cutting yield. Dycotan CV is recommended for rechroming of chrome tanned leather and semi chroming of vegetable tanned leather and imparts improved softness, fullness, tightness, grain smoothness with mellow handle. Dycotan CV enhances affinity of leather for anionic dyes and improves buffering properties. In retanning vegetable tanned leathers it imparts fine grain, more fullness and softer handle. Dycotan CV can be used 4 to 6 % depending on type of leather to be produced and result desired. Suitable

					for all types of leather. Dycotan CV is an excellent product for milled leathers, leather rechromed with Dycotan CV has good filling and uniform milling pattern.
--	--	--	--	--	---

Tailor made Vegetable Tanning Agent with Synthetic polymer

Product	Base	Appearance	Total Solids %	pH / Charge	Uses / Benefits
Dycotan VA	Vegetable tanning agent with synthetic polymer	Brown liquid	40 ± 2	6.5-8.5 / Anionic	Dycotan VA is pretanning, tanning and retanning product imparts excellent fullness, roundness, effective filling, uniform and leveled color with fine grain. It helps in improving cutting area yield of leather. Dycotan VA is particularly suitable for retanning of chrome tanned material to obtain fuller, fine and closed grain with excellent reactivity. It can also be used for vegetable tanned and semichrome leathers. Dycotan VA enables the best absorption in the leather, can be used alone or with other synthetic and natural retanning agents. Dycotan VA can be used 2 to 6 % depending on type of leather to be produced and result desired.

Neutralizing Syntan

Product	Base	Appearance	Total Solids %	pH / Charge	Uses / Benefits
Dycotan NL	Aromatic sulphonic acid condensate and aliphatic dicarboxylic acids	Amber to brown liquid	40 ± 2	7.0-9.0 / Anionic	Dycotan NL is synthetic material for neutralizing, buffering, and complex forming action to impart particularly soft leathers with good grain tightness and enhances fullness. It has very good effect during dyeing process to result in a level uniform dyeing. Dycotan NL has mild affinity for chrome leathers, levels the grain surface resulting in smooth and tight grain and improves the penetration and distribution of subsequent retanning agents and thereby it adds uniformity of retanning and improves the fullness and handle of the finished leather. Dycotan NL helps to increase the uptake of tanning, retanning, vegetable tanning and synthetic tanning materials. It imparts uniform and controlled neutralization hence there is no chance for over neutralization and thereby reduces the chance of looseness and renders the leather with tight grain. Dycotan NL when used along with mimosa and other vegetable tanning extract enhances the uptake of the tannins by the leather. Dycotan NL is suitable for all types of full grain and corrected grain leathers. It can be used 1 to 3 % depending on type of leather to be produced and result desired.
Dycotan NS	Aromatic naphthalene sulphonic acid condensate	Cream colored powder	95 ± 2	7.0-8.0 / Anionic	Dycotan NS imparts uniform and controlled neutralization on chrome and vegetable tanned leathers. Dycotan NS is compatible with mineral tanning and ensures even penetration of tanning and retanning material, gives level & enhanced dyeing and fatliquoring. It reduces grain loading and acts as good leveling agent with better buffing property. Mild retanning, mild neutralizing and strong buffering action make it suitable for all types of leather. Dycotan NS

					when used along with mimosa and other vegetable tanning extract enhances the uptake of the tannins by the leather. Dycotan NS imparts good grain tightness with smooth grain and enhances fullness. Use of Dycotan NS in neutralization reduces chance of grain cracking. Suitable for all types of full grain and corrected grain leathers. It can be used 1 to 3 % depending on type of leather to be produced and result desired.
Dycotan NT	Aromatic sulphonic acid condensate and aliphatic dicarboxylic acids	Cream colored powder	96 ± 2	6.5-7.5 / Anionic	Dycotan NT is synthetic material for neutralizing, buffering, and complex forming action, lowers the positive charge of the collagen chromium complex and thus levels the pronouncedly positive charge of chrome leather surface. Dycotan NT imparts particularly soft leathers with good grain tightness and enhances fullness. Dycotan NT imparts mild retanning property to leather. Dycotan NT has very good effect during dyeing process to result in a level uniform dyeing. Dycotan NT has mild affinity for chrome leathers, levels the grain surface resulting in smooth and tight grain and improves the penetration and distribution of subsequent retanning agents and thereby it adds uniformity of retannage and improves the fullness and handle of the finished leather. Dycotan NT helps to increase the uptake of tanning, retanning, vegetable tanning and synthetic tanning materials. Dycotan NT imparts uniform and controlled neutralization hence there is no chance for over neutralization and thereby reduces the chances of looseness and thereby renders the leather with tight grain. Dycotan NT when used along with mimosa and other vegetable tanning extract, it enhances the uptake of the tannins by the leather. Suitable for all types of chrome tanned and vegetable tanned, full grain and corrected grain leathers. Dycotan NT can be used 1 to 3 % depending on type of leather to be produced and result desired.

Dye leveling, dispersing and Neutralizing Syntan

Product	Base	Appearance	Total Solids %	pH / Charge	Uses / Benefits
Dycotan WP	Aromatic sulphonic acid condensate	Beige colored powder	96 ± 2	7.0-9.0 / Anionic	Dycotan WP is synthetic material for dispersing, neutralizing, buffering, and complex forming action. It imparts particularly soft leathers with good grain tightness and enhances fullness. It has very good dispersing effect during dyeing process to result in a level uniform dyeing. Dycotan WP has mild affinity for chrome leathers, levels the grain surface resulting in smooth and tight grain and improves the penetration and distribution of subsequent retanning agents and thereby it adds uniformity of retannage and improves the fullness and handle of the finished leather. It helps to disperse and increase the uptake of tanning, retanning, vegetable tanning and synthetic tanning materials. It imparts uniform and controlled dispersion hence there is no chance for over neutralization and thereby reduces the chance of looseness and renders the leather with tight grain. Dycotan WP maintains better ph and uniform charge throughout the surface of leather which causes uniform dyeing, retanning and fatliquoring. Dycotan WP when used

					along with mimosa and other vegetable tanning extract enhances the uptake of the tannins by the leather. Suitable for all types of full grain and corrected grain leathers. It can be used 1 to 3 % depending on type of leather to be produced and result desired.
Dycotan DL	Aromatic sulphonic acid condensate	Beige colored powder	96 ± 2	7.0-9.0 / Anionic	Dycotan DL is synthetic material for dispersing, neutralizing, buffering, and complex forming action. It imparts particularly soft leathers with good grain tightness and enhances fullness. It has very good dispersing effect during dyeing process to result in a level uniform dyeing. Dycotan DL has mild affinity for chrome leathers, levels the grain surface resulting in smooth and tight grain and improves the penetration and distribution of subsequent retanning agents and thereby it adds uniformity of retannage and improves the fullness and handle of the finished leather. It helps to disperse and increase the uptake of tanning, retanning, vegetable tanning and synthetic tanning materials. It imparts uniform and controlled dispersion hence there is no chance for over neutralization and thereby reduces the chance of looseness and renders the leather with tight grain. Dycotan DL maintains better ph and uniform charge throughout the surface of leather which causes uniform dyeing, retanning and fatliquoring. Dycotan DL when used along with mimosa and other vegetable tanning extract enhances the uptake of the tannins by the leather. Suitable for all types of full grain and corrected grain leathers. It can be used 1 to 3 % depending on type of leather to be produced and result desired.

Dyisol, Dytan, Dycotan, Dycryltan, Dysyntan, Dyfill, Dyifix, Dyimol, Dyisoft, Dyipol, Dyilix and Dyauxl are Trade Mark and Brand Names of Divine Chemicals Company

Divine Chemicals Company manufactures all products under carefully controlled conditions to meet rigid specifications. They are offered without obligation and warranty. The values given in this publication are typical values intended as guidelines for the use of the products. They are not specifications. If you require the actual specifications currently in force on the specific products, contact your Divine Chemicals Company representative for the appropriate information