



WAX EMULSIONS - v.01



## WAX EMULSIONS



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From ancient times, wax has been recognised and used by man for a wide variety of purposes. Initially they were all waxes which were extracted from a natural environment, directly from animal sources (e.g. beeswax), vegetable sources (e.g. Carnauba wax) and mineral sources (Montan wax) although nowadays, those obtained from petroleum and also synthetically, have become highly important within this market.

The different properties obtained from all these waxes, such as: lubrication, release agent, antiblocking, smoothness, mattifying effect, anti slip, water repellent effect, etc..., make them essential in many processes: treatment of leather, household products, paint and coatings, textile, paper, auxiliaries in the plastic industry, etc...

For many years, they have been used in dispersion with solvents as well as in aqueous emulsions. The present tendency to eliminate the use of all kinds of solvents, make emulsions a very important possibility for the future.

CONCENTROL S.A. has always been advanced in design and development of all kinds of wax emulsions, disposing of a wide and versatile product range which allows its use in many different sectors of application.

We can offer:

- More than 50 years of experience designing emulsions.
- Optimal conditions according to the requirements of the product.
- Representatives and distributors on the 5 continents.

### PRINCIPAL APPLICATION SECTORS

Treatments for floors	Wood finishing	Products for car maintenance	Paints and coatings	Textile
Construction	Fibreglass	Fruit and vegetable coatings	Lubricants and Release agents	

### MOST COMMON REFERENCES

REFERENCE	BASE MATERIAL	EMULSION CHARACTER	% SOLIDS	MAIN APPLICATION	REMARKS
EMULTROL FLM	Natural fat	Non ionic	27	Textile finishing, leather and adhesives	Greasy, slippery touch
EMULTROL CA-1	Beeswax	Anionic	32	Leather , wood polishing	Polishable
EMULTROL CA-1265	Beeswax	Non ionic	20	Leather , wood polishing	Polishable
EMULTROL CP-2360	Paraffin wax	Anionic	32	Protection of surfaces in construction work	Lubrication, non stick and slipping
EMULTROL CM-2550 PL	Paraffin wax	Anionic	45	Water repellent effect Kraft paper	Does not affect impression
EMULTROL EP-45%	Paraffin wax	Anionic	43	Water repellent effect , antiblocking	General use
EMULTROL CM-2357	Polyethylene wax and paraffin	Anionic	39	Formulations of inks and varnishes for cans and metallic bobbins	Water repellent effect, slipping, antiblocking and scratch resistance
EMULTROL CM-1657	Paraffin wax	Non ionic	60	Textile, paper, leather and polishes	General use, formulators
EMULTROL CM-3352	Paraffin wax	Cationic	37	Textile, paper, leather and polishes	General use, formulators

### MOST COMMON REFERENCES

REFERENCE	BASE MATERIAL	EMULSION CHARACTER	% SOLIDS	MAIN APPLICATION	REMARKS
EMULTROL CM-1552	Paraffin wax	Non ionic	51	Textile, paper, leather and polishes	General use, formulators
EMULTROL CM-3278	Polyethylene wax and paraffin	Cationic	28	Textile, paper, leather and polishes	General use, formulators
EMULTROL CV-1485 PL	Carnauba wax	Non ionic	40	Polishes, floors, leather	General use, formulators
EMULTROL CV-1485 PLX	Carnauba wax	Non ionic	40	Polishes, floors, leather	General use, formulators. Whitish Colour
EMULTROL CV-2385	Carnauba wax	Anionic	32	Polishes, floors, leather	General use, formulators
EMULTROL CV-1485 HF	Carnauba wax	Non ionic	40	Polishes, floors, leather	Extremely hard, matte-satin finish
EMULTROL CP-13125	Polyethylene wax	Non ionic - anionic	35	Floor polish, shoe cream	Excellent resistance to abrasion and scuffing, shiny effect
EMULTROL CP-13120	Polyethylene wax	Non ionic - anionic	35	Floor polish, shoe cream, antiblocking	Excellent resistance to abrasion and scuffing, shiny effect
EMULTROL CP-34111 V	Polyethylene wax	Cationic	40	Glass bottle plants	Anti-scratch protection
EMULTROL CP-13102 AS	Polyethylene wax	Non ionic - anionic	35	Formulators	Anti-slipping in formulations for floors
EMULTROL CP-13137 BR	Polyethylene wax	Non ionic - anionic	35	Polishes, floors, leather	High fusion. Point. General use.
EMULTROL CP-1388	Polyethylene wax	Non ionic	40	Textile and leather	Soft Film
EMULTROL CP-2380	Polyethylene wax	Non ionic - anionic	30	Textile and leather	Low melting point
EMULTROL CP-34111	Polyethylene wax	Cationic	37	Textile	Smooth touch
EMULTROL CS-1345	Synthetic wax	Non ionic	35	Leather finish	
EMULTROL CS-1345 F	Synthetic wax	Non ionic	35	Leather finish	Co-solvent
EMULTROL CE-1383	Montan wax	Non ionic	30	Polishes, floors, leather	Formulators
EMULTROL AV-1300 ML	Vegetable oil	Non ionic	25	Release for food products	Allows direct contact with food
ORDISOL EB-1508	Paraffin	Non ionic - anionic	50	Water repellent for plasterboard panels	Brownish colour
ORDISOL EB-1510	Paraffin	Non ionic - anionic	50	Water repellent paper	Colour-white
EMULTROL CM-3460-2	Paraffin	Cationic	45	Improves sewability of fabrics and knitted goods during sewing process	Lubrication and heat protection
ORDISOL TC	Paraffin	Non ionic - anionic	32	Thermal paper	Lubrication and antiblocking

Besides the previous list, CONCENTROL can design products to suit each application and customer.