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| **WAXOL CPC-F** **SOFTNER FLAKES***Lubricant and softener for sizing and after-waxing* |

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| *PHYSICAL PROPERTIES*  |

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| Aspect at 20 C0 | Flakes |
| Melting Point | 550 C |
| Ionic Character | Non-ionic |
| Solubility ( water 600C) | Emulsifiable |

*APPLICATION*

**WAXOL CPC-F** is an excellent lubricating and softening. Sizing of cellulosic, artificial, synthetic fibers and their blends (staple). After-waxing of staple and filament fibers.

***FEATURES***

* Even low application quantities give an excellent smoothness and good antistatic effect. As an average 1.5 Kg of **Waxol CPC-F** are used to prepare 500 liters of sizing bath. It can also be added to previously weighed sizing agents and then altogether stirred into water. The flakes form is suitable for all types of cookers and the product is Emulsifiable in water with sizing agents without leaving any residues. All synthetic, natural and natural modified sizing agents are perfectly compatible with **Waxol CPC-F**
* **Waxol CPC-F** in the sizing bath keeps busting rollers and drying cylinders completely free of size dust. The prevention of such crusts as well as avoiding film formation in size box brings these advantages: · Keeps cylinders clean · Prevents threads breakages in leasing section of sizing machine.
* **Waxol CPC-F** can be used in the sizing bath as well as for after or over waxing.
* Application of **Waxol CPC-F** directly in the sizing recipe, by over-waxing or by a combination of both, makes warp threads smooth and well running.
* This application considerably reduces abrasion thus decreasing number of yarn breakages, which in turn increases weaving efficiency at the loom.
* Application of **Waxol CPC-F** increases film flexibility and reduces dust formation at the loom.
* On shuttle less looms (rapier, projectile, air and water-jet looms) yarn clamping’s and breakages can be considerably reduces.
* **Waxol CPC-F** provides antistatic properties of particular relevance for cotton/synthetic blends as well as fully synthetic yarns.

**ORGANO CHEMICALS ( PVT ) LTD*.***

**2ND FLOOR, ZIA COMMERCIAL PLAZA ,P-135,STREET # 10 WAKILAN,**

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***COATING PROCEDURE***

In the sizing bath the application quantity of **Waxol CPC-F** in the sizing bath is: 2 - 5 g/l (calculated on final size vol) In case of high pressure squeezing unit the amount should be increased by 20 - 30%. If sizing is followed by additional over-waxing with Waxol CPC-F, the application quantity in the sizing bath can be reduced. After-waxing Wax is applied on warp threads by means of a roller of a heated over-waxing apparatus. Wax temperature in the over-waxing device should be 60-70°C. Application quantity is determined by warp speed in relation to the roller velocity of the over waxing roller. The applicative quantities of Waxol CPC-F are the following: Cotton yarns 0.2 - 0.4% Cotton/Synthetic yarns 0.3 - 0.5% Linen yarns 0.4 - 0.6% 100% synthetic fibers 0.1 - 0.

***SCOURING RECOMMENDATIONS***

**Waxol CPC-F** is easily removed by a simple washing process in connection with pre-treatment. When **Waxol CPC-F** is applied in recipe with starch it can be removed by usual enzymatic desizing with subsequent washing. Non-ionic detergents have proved somewhat more efficient than anion-active ones in removing our product. If non-ionic additives cannot be used for fabric finishing reasons (e.g. by treatment with water repellent additives), anionic detergents at a slightly higher application quantity may be used.

Following wash off recipes:

A. 1.0 g/l nonionic detergent

B. 1.5 g/l anionic detergent.

Temperature: 60 - 90°C

Time: 1 - 10 minutes

Desizing time depends on washing equipment, temperature and type of material to be processed.

***PACKING / STORAGE***

* In 1KG, 5KG & 30KG Packing.
* Store under shade & cool place.
* Avoid storage in direct sunlight or in hot climatic conditions.

*The information in this document is based on our present knowledge and must not be considered as a guarantee of specific properties.*

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