



ORGANIC DYESTUFFS CORPORATION

CORPORATE OFFICE

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ORCOMOL FAW®

Description: **Orcomol FAW** is a water -soluble polymeric dye-complexing agent. It is available as a slightly viscous liquid which is stable to hard water and to acid and alkali concentrations usually encountered in the textile trade. Additions of **Orcomol FAW** in regular stripping procedures gives far better results than other methods. It is a very weakly cation-active material which forms very stable cation-anion complexes with dyestuffs containing sulfo groups as well as those which in aqueous solution containing a phenolate group- ing, i.e. direct, vat or sulfur dyes. The bond of attraction between dyestuffs of these groups and **Orcomol FAW** is so strong that the latter may be considered in a sense a liquid fiber for which the dyestuff has greater affinity than for cotton and other fibers. In stripping operations, once the cellulose/dyestuff bond is broken, the dislodged dye is preferentially and tightly bound to the **Orcomol FAW**. Even after a prolonged stripping treatment, the **Orcomol FAW**/dye bond remains intact.

Properties:

<i>Appearance-</i>	Pale yellow fluid
<i>Odor-</i>	Mild
<i>Ionic Charge-</i>	Weakly Cationic
<i>Specific Gravity-</i>	1.05
<i>pH-</i>	7.5-8.0 for a 1% solution

Applications:

- Dyeing -* To lighten deep shades of direct-dyed cellulose yarns or fabrics.
- Textile Printing -* To prevent tinting of white backgrounds during soaping.
- Scouring -* As a soil-suspending agent in detergent washing of cellulosic and animal fibers.
- Brightener-Resin Finish Baths -* To slow down the exhaust rate of brightener-resin baths containing metal-salt catalysts.
- Fulling -* Of wool plaids, checks, and tweeds to protect bright colors and prevent staining of whites. or in preparations of rag stock for high grade papers.
- Stripping-* effective as a dye stripping agent for cotton and rayon materials dyed with vat, sulfur, or direct dyes, in long liquors, package machines, on jigs,

Procedures:

Fulling:
The quantity of **Orcomol FAW** in the fulling bath determines the degree of stripping, however, the concentration of **Orcomol FAW** should not go beyond 1/2 oz./gal. If higher amounts are required in the fulling bath, the liquor ratio should be increased along with **Orcomol FAW**. By such procedure, the amount of **Orcomol FAW** available for stripping is increased without impairing the bath stability.

C O L O R A N T S F O R A L L I N D U S T R I E S

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