



# RICHARDS PHARMA-LAB LTD.

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## **“CON-TROL” BULK-1090**

### PRODUCT UTILITY

“CON-TROL”© BULK-1090 helps to increase bulk of the fibers by raising the specific area of the fiber. Any increase in ‘volume’ is exclusively independent of the furnish used. It merits to be advantageous as secondary fibers are used having undergone processes of treatments like deflaking & refining and containing fine fibers and fillers. The outcome results to improvement in porosity and enhances bulk and softness of paper without disturbing any of the dry strength properties of paper and board.

### PROPERTIES

⌚ pH	4-5
⌚ Ionic Nature	Cationic
⌚ Color	Milky White
⌚ Total Solids	9.5 to 10.5% (at 105°C)
⌚ Appearance	Liquid Emulsion
⌚ Specific Gravity	0.9 to 1.0
⌚ Shelf Life	3 Months

### APPLICATIONS

“CON-TROL” BULK-1090, is a recommended product for increasing the bulk, improving porosity and enhances softness. The product is used and applied in diluted form (1-5% preferably) in the mixing chest, it can also be added near the head box before the fan pump. The normal dose prescribed ranges between 2 - 6 Kg per Ton of Pulp basis. The quantum of dosage varies depending upon desired level of bulk and the quality of furnish used and the addition point.

### SHELF LIFE

The Shelf life of the product is 3 months. It is recommended for storage in the closed container at a distance from heat and temperature.

### VALUES OFFERED

- Tissue paper
  - ✓ Increases Bulk
  - ✓ Improves Porosity
  - ✓ Enhances Softness
- Cardboard & Duplex Board
  - ✓ Increases Volume
- Paper
  - ✓ Increases Bulk

**NOTE:** R&D mandates to improve the product for which any changes are at our discretion without prior intimation.