

“CON-TROL” EXCEL

PRODUCT UTILITY

“CON-TROL” EXCEL is an effective Fatty Acid based de-inking chemical. It loosens ink from waste paper efficiently, separates and disperses it for ultimate removal by floatation/wash type de-inking systems. “CON-TROL” EXCEL is free from hazardous/strong solvents and does not affect adversely the quality of effluent, thereby does not pose ecological problems. Product is designed to work in wide range of pulping conditions, like neutral to alkaline pH, low to high consistency, 40 to 70° C temperature. The special ingredients of the product removes the ink particles and disperse them, preventing their Redeposition on the fibre.

PROPERTIES

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|-----------------------------------|--------------------|
| • pH (10% Aqueous) | 10-11.5 |
| • Appearance | Pale Yellow Liquid |
| • Solubility | Soluble in Water |
| • Viscosity | Viscous |
| • Water Content, (by Karl Fisher) | 2.5 % max |
| • Shelf Life | Good Shelf Life |

APPLICATION

When added at the pulping stage, “CON-TROL” EXCEL dissolves in the aqueous system and effectively reduces the binding of ink particle with the fibre. The product can be used directly in the pulper at dosages level of 0.06 to 0.1 percent on dry weight basis of waste paper depending on quality of waste paper, other chemical dosages etc. Though it can be used under normal mill conditions, optimum results can be derived by using it at 45 to 50°C pulping temperature and giving a reasonable retention time.

SHELF LIFE

The product is assured for a long standing life preferably to be stored in the covered, dry area, kept at distance from heat. Exposure to the direct sunlight should be avoided.

VALUES OFFERED

- Ease in handling and use
- Better ink removal efficiency
- Effective in floatation as well as washing type of de-inking system
- Reduces consumption of caustic soda, silicate and surfactants

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