

## **“CON-TROL” BLEACH 1011**

### **PRODUCT UTILITY**

“CON-TROL” BLEACH 1011 is an reductive bleaching chemical. It is a powered stable compound, which dissolves in water and decomposes gradually to produce sulfoxylic acid to exhibit a reducing action. The reaction is promoted by the application of heat or in the presence of alkali, an a strong reducing action is thereby exhibit.

### **PROPERTIES**

Thiourea%	Max	0.1
Moisture %	Max	0.05
Iron (Fe) ppm	Max	10.00
Sulphate%	Max	0.17
Appearance		White Crystalline Powder

### **APPLICATION**

“CON-TROL” BLEACH 1011 is a substitute for NaClO bleaching in bleaching of waste wood-free or mechanical paper and as substitute for Sodium Hydrosulfite bleaching in post bleaching (after hydrogen peroxide de-inking/bleaching) It has a property of reacting with oxygen in the air slowly as compared with Sodium Hydrosulfite. Even when a presently used NaClO bleaching equipment is diverted as it is. Loss due to oxidative decomposition is relatively small and a bleach brightness equal to that attained by NaClO bleaching can be attained by choosing a suitable using amount of this chemical.

### **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**

- Considerable discoloring effect on dye type coloring materials
- Effective on a wide variety of pulp sources as reductive bleaching aid
- Achieves optimal brightness gain in the de-inking process

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