



# ATO DEINK DISPERSANT

## DEINKING CHEMICAL FOR WASHING PROCESS

### DESCRIPTION

**ATO DEINK DISPERSANT** is a liquid specially designed for the recycling of old newspapers (ONP), old magazines (OMG), old corrugated containers (OCC), waste news (offset letter press and rotogravure), and office waste (Xerox, heat set, laser, or computer print outs). **ATO DEINK DISPERSANT** is a new generation product, containing a blend of environmentally friendly and non-toxic solvents, dispersants, solubilizers, emulsifiers, and wetting agents. Following are some of the many advantages of using **ATO DEINK DISPERSANT** over other de-inking chemicals. The deinking efficiency increases with a dosage increase of **ATO DEINK DISPERSANT**, a temperature increase and an increase in pH.

### **ATO DEINK DISPERSANT:**

1. Removes ink (pigment and dyes) and stickies entrapped on the pulp.
2. Improves deinking efficiency.
3. Breaks down the ink particles into small specks.
4. Increases optical brightness.
5. Works as a pulping aid - reduces pulping time.
6. Is effective at room temperature.
7. Works as a drain aid.
8. Is cost effective.

### TYPICAL PROPERTIES

Appearance: Yellowish clear solution

Odor: Lime

Specific gravity ~ 0.86

pH (1% solution) : ~ 7.00

### APPLICATION

It is used at the pulping stage. The dose will depend on the type of waste paper and the printing inks. However start with a 1L/TM of waste paper and then increase or decrease the dose of chemical according to the optical brightness required.