

# DEINK 1003

## Neutral deinking of wastepaper with low wood pulp percentage

### PRODUCT DESCRIPTION

**DEINK 1003** is a product that has been studied to allow a complete removal of inks inside flotation equipment. It also gives you the possibility to wash pulp inside its equipment. It may be used alone or together with Hydrogen Peroxide, Silicates and Soda.

### BENEFITS

- The product has a strong wetting and cleaning power.
- It allows to obtain a very good white level by using low quantities of product.
- It allows to remove inks in the first pulping phase.
- It has high re-depositing properties to avoid ink-resorption in fibers.
- It concentrates inks within floating foams.
- It lowers the total quantity of stickies.
- The product is not influenced by water hardness.

### PRODUCT APPLICATION

**DEINK 1003** is normally compatible with wastewater and products used in paper mills. Anyway, we suggest making a compatibility test before using it.

**Dosage:** Dosage quantities must be decided every time according to waste paper characteristics, to their mix and to the type of inks that are present; approximately use from 0,5 to 2,5 Kg/ton of dry pulp. The suggested dosing point is the pulper. The suggested temperature, not strictly necessary for a good de-inking operation, is between 65 and 75 °C.

It is recommended not to exceed the suggested dosages, which can however be optimized in collaboration with the local NCR Biochemical representative. The product must be used according

to the control procedures established by the supplier for a specific application.

### TYPICAL PROPERTIES

<b>Appearance</b>	Limpid liquid
<b>Colour</b>	colourless
<b>pH</b>	8,0 ± 1,0
<b>Density at 20 °C</b>	1,02 ± 0,05 g/ml

For more information, please refer to the SDS (Safety Data Sheet) Section 9.

### STORAGE AND PACKAGING

**Storage:** the product's stability is over 12 months if the product is kept inside the original packaging and in a fresh and ventilated place (5-30°C). If the product freezes it can be heated by using not direct heat.

**Standard packaging:** 200 kg drum, 1000 kg IBC.

### HANDLING AND PRODUCT SAFETY

Please read the SDS (Safety Data Sheet) carefully before using this product.

The information contained in this Technical Data Sheet is based on our present knowledge and believed to be reliable. It does not constitute a legal warranty, expressed or implied, regarding particular characteristics and performances and must not be considered as a guarantee of specific properties.  
Revision: 06/2021

