



PAPER DIVISION

Biocides



The control of microbiological contamination throughout the entire manufacturing process is one of the key areas for increasing productivity, improving the quality of the paper and making savings in the cost of raw materials and additives.



A photograph showing a person from the side, wearing a white lab coat and gloves, working at a laboratory bench. The person is looking through a microscope. On the bench, there is a stack of circular filters or membranes. The background is slightly blurred, showing laboratory equipment and shelves.



MICROBIOLOGICAL CONTROL OF CONTAMINANTS

Microbiological proliferations that interfere with the paper production process take place at different levels, creating costly inconveniences such as finished product waste, out of spec production, production loss due to breakages in the machine and frequent stoppages for washes.

The temperatures of the circuits often favour significant microbiological development, and the presence of the various additives used for production (starches, glues, resins, etc.) provides the nutrition needed for their growth.

NCR Biochemical offers the solution to all problems concerning the growth of bacteria, fungi, yeasts and algae, by means of biocides and specific anti-fermenting agents for:

- Fresh water
- Short circuit and underwire waters
- Long circuit (floatation, sedimentation) and recycled waters
- Coating
- Starch solutions
- Mineral fillers in dispersion
- Label paper
- Wallpaper
- Fungus-resistant paper
- Glues for cardboards
- Waste water
- Catalase inhibitors in the pulp bleaching process

Therefore we intervene in all areas of the production process with specific products, meeting FDA and BfR standards, for making paper grades which come into contact with food products.

Our range consists of solid and liquid products (oxidising and conventional) that adapt to all operating conditions in the production processes.

To find the best solution, our technicians carry out microbiological analyses, laboratory tests, effectiveness tests and selection of the most suitable product/application method. To find the best solution, our technicians perform microbiological analyses, laboratory tests, effectiveness tests and selection of the most suitable product/application method.

Product range



SANITER SERIES

- Mono-, bi- and tri-component products based on organic active ingredients (BPR approved, Regulation (EU) no. 528/2012).



OXCONTROL SERIES

- Products based on oxidising active.

NCR Biochemical is an international chemical company specialized in water treatment, biotechnology and process additives in the paper and sugar industries. We produce the best chemical technologies, find the best solutions for our customers, develop our own dosing systems and have thirty years experience and expertise in pursuing quality, safety and environmental responsibility. We confront the global industrial reality with a comprehensive scientific approach which brings benefits and results to our clients.



Analysis



Technical
assistance



Consulting

www.ncr-biochemical.com

World Network

Italy | Bologna

Italy | Milano

Russia | Leningrad Region

China | Shenzhen



Follow us

