

PAPER DIVISION

Defoamers



The image features a vertical strip on the left side showing a microscopic view of a liquid surface covered in numerous small, dark, spherical bubbles of varying sizes, representing foam. The background is black. On the right side, there is an abstract geometric composition of overlapping, semi-transparent shapes in various shades of teal, light blue, and dark grey, creating a modern, layered effect.

The complete range
of NCR Biochemical
products covers all
requirements for
deaerating the mixtures,
eliminating the foam or
preventing it..

DEFOAMERS

In all areas of the production process, from the production of pulp to that of paper, foam forms in the water cycle.

Foam creates cavitation problems for the pumps, errors in the measurement of levels and volumes, and holes and defects in the paper, therefore it also affects the quality of the finished product.

The variety of plants, raw materials and specific characteristics of the circuits (pH, temperature, cycle closure, etc.) requires as many diversified types of de-foaming products which can be used to solve the problem.

NCR Biochemical has therefore prepared a range of products for solving the problems in a wide variety of plants and applications, structured as follows:

- Non-silicone water-based emulsions
- Mixed synthetic and oil products
- Synthetic polymers to be used both in high and medium temperature conditions
- Specific defoamers for coatings
- Specific defoamers for waste water sent to biological plants

The treatment programme comprises measuring air in the mixtures and foam elimination tests, with the aim of optimising the results and reducing operating costs.

Product range



BIOFOAM W SERIES

- Non-silicone products in watery emulsion



BIOFOAM G SERIES

- Synthetic and mineral and vegetable oil-based products.



BIOFOAM S SERIES

- Polymer-based synthetic products.



BIOFOAM P SERIES

- Specific products for coatings.

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



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