



Product Range For Tissue



LEATHER



PULP & WATER



TEXTILE



INDUSTRIAL WATER

YOUR CONCERN, OUR EXPERTISE

Engineering.Surveying.Solutions

We are a company that started almost two decades ago with a vision to provide practical and long lasting solutions to the burgeoning paper industry in India by creating a fusion of chemistry applications and local industry environment and requirements.

ABOUT BALAJI CHEMICAL SOLUTION

WHY CHOOSE US?

Our Specialization

Cost minimization in operations, including use of raw material, process handling, residue management.

Profit maximization through bolstering efficiency in operational aspects.



MISSION

Our Focus Is Our Hallmark

To deliver Green Solutions to Pulp, Paper and Water intensive industries by investing into the latest technology and adopting cost effective methods to produce chemicals that are effective yet eco friendly.

VISION

Perfect Is Best

To develop the Pulp & Paper industry with environment friendly processes and manufacturing of paper & related products by offering quality chemicals cultivated from eco friendly methods and ingredients.



TISSUE

Its best quality is softness which easily absorbs everything from water to oil in an effective way. Nowadays, with the advent of technology, a tissue has become the gist of our lives. The consumption element has immense softness and touches well at feel as well as strength in its structure.

At Balaji Chem solutions, we are helping customers to be hygienic and use it for home needs which can be used anytime and anywhere. **Basic and best features of these tissues are:** –

- **Convenient**
- **Safe to use**
- **User-friendly**
- **Sustainable**

The products which Balaji Chem solutions offer are unique and help the tissue to be long-lasting by MG coating chemicals for the machine, tissue chemicals.

Balaji solution is helping companies to make tissues with world-class products which we are offering them in affordable costs. Indeed, these products will enhance productivity and maintain the standard quality which no other product will do.

In most parts of the world, a day without tissue is unthinkable. Bathroom tissue, paper towels, facial tissue, paper handkerchiefs and table napkins all play a critical role in hygiene, cleanliness and comfort. Tissue paper products function marvelously to promote hygiene by helping to prevent the spread of germs, bacteria, viruses and disease.

Further examples are the comments by Professor Hans Rosling of the Karolinska Institute in Sweden. Rosling, who has been a speaker at the TED talks and Davos – World Economic Forum and is one of the world's leading experts on public health, has stated that the last major outbreak of cholera which occurred in Chile was confirmed to have been spread by dirty textile kitchen towels. He has further commented, in an article in the Perini Journal, that paper kitchen towels might possibly have prevented that outbreak of disease and public health tragedy.



INDUSTRY & PRODUCTS





TISSUE HAS A POSITIVE ENVIRONMENTAL STORY

“Renewable”, “Recycled” and “CO₂ Reduction” are extremely hot topics these days and the paper and tissue industry have a very positive story to tell with respect to these issues. The Renewable wood fibers used in papermaking quite literally grow on trees, and come mainly from sustainable, managed forests and tree plantations. It is hard to think of any other major manufacturing industry that uses such a high proportion of renewable resources as its primary raw material.

Recycled fibers also play an important role as a raw material for tissue paper products, making up around 35% of the total fibers going into tissue making worldwide. Today, worldwide demand for recycled wood fibers is so great that essentially all recycled fibers that can be used, are being used.

Wood fibers are naturally degraded after they are recycled 3-5 times, so therefore new fibers must always be coming into the system. Regarding CO₂ reduction, the managed sustainable forests which feed the paper industry bind trillions of tons of carbon, helping reduce global warming.

FIBER CHEMISTRY & PHYSICS IS A SCIENCE IN ITSELF

Tissue products are not simple commodities, but instead are high-tech paper specialties based on complex science. To make a tissue sheet, sometimes weighing as little as 13 grams per square meter (0.04 ounces/ft²) with the right softness, strength and absorbency engineered into the product, is no simple task.

Paper machines making the ultra-light tissue paper can be as long as 45 m (150 feet), 8 m (26 feet) wide and running at 2,000 meters per minute (75 mph). Many factors must be combined to achieve this. This field is called Paper Engineering, which deals with physical sciences like chemistry, physics, and mechanical engineering, combined with biology and biochemistry, and applied to convert raw materials into these useful paper products.

Large jumbo rolls made on the paper machine can weigh several tons. These are then transformed in the converting process into the finished products you are familiar with, such as rolls of bathroom tissue or kitchen paper towels, as well as folded products like facial tissue, handkerchiefs and napkins. Advanced high-speed machines carry out the complex winding, cutting, slitting, printing and embossing steps while retaining the functional properties: softness, strength and absorbency. Finally, the products are wrapped and packaged into the format needed for stocking in a supermarket or other distribution center before going to the final consumer.

BCSPL Product Range:

PRODUCT NAME	CHARACTERISTICS	APPLICATION
BANI CREPE	Proprietary Composition	Yankee Release agent
BANI PIC	Proprietary Composition	Yankee coating
BROSOFT	Proprietary Composition	Softner
BANISTRENGTH	Proprietary Composition	Dry Strength Resin
BANIWET	Proprietary Composition	Wet Strength Resin
BANIPOL	Proprietary Composition	Retention & Formation
BANI CHEM IIP	Proprietary Composition	Non Oxidizing Biocide
BANI BIO GB	Proprietary Composition	Oxidizing Biocide
BANI DF	Proprietary Composition	Defoamer
BANI REFINE	Proprietary Composition	Refining Enzyme
BANI WC	Proprietary Composition	Wire Cleaning agent
BANI FC	Proprietary Composition	Felt Cleaning agent
BANSIZE	AKD Wax Emulsion	Internal Sizing agent

OUR PRODUCTS

Tissue



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