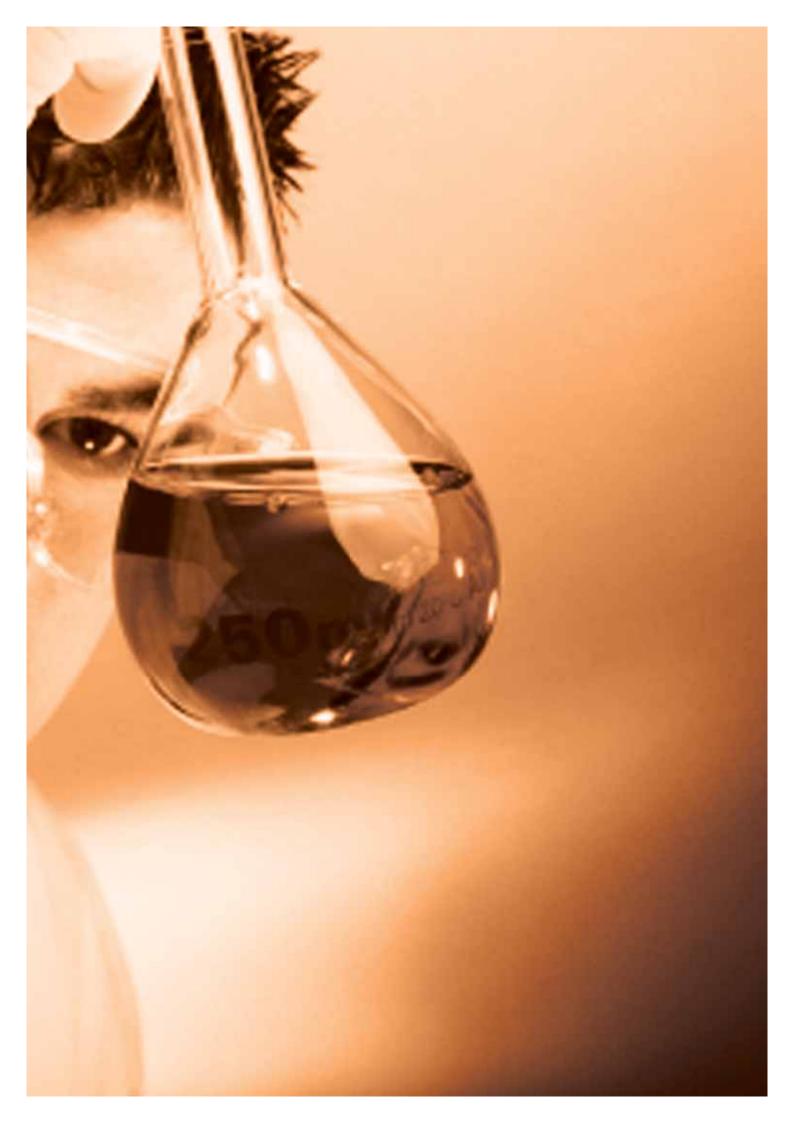


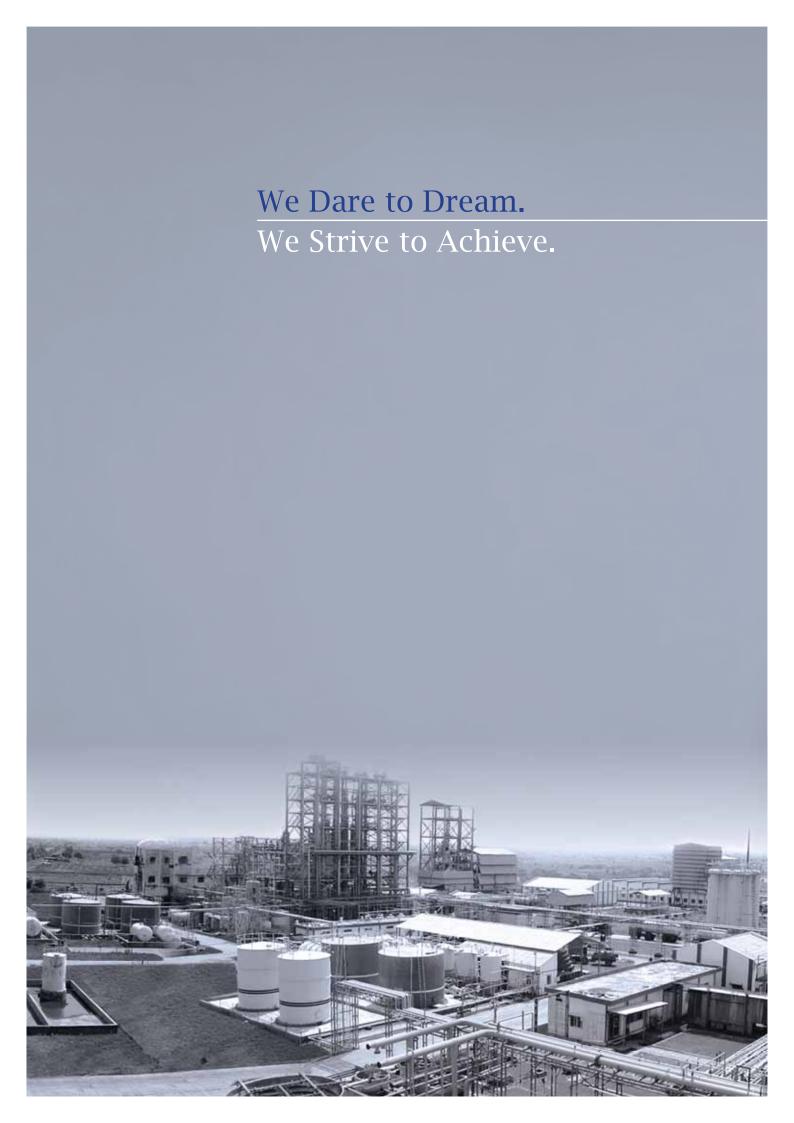
An ISO 9001:2008 Company

We are the frontrunners...



# ...in Specialty and Fine Chemicals





Balaji

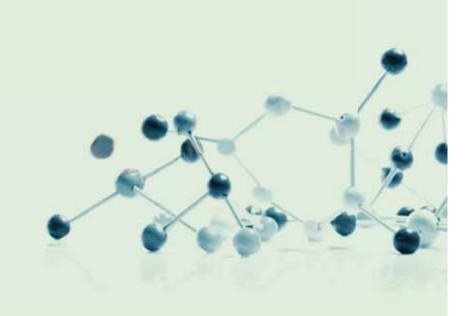
This journey of success began in 1988, when a group of far-thinking visionaries came together to set up Balaji Amines Limited (BAL), to cater to the growing demand for niche specialty chemicals.

Beginning as a single-product company, BAL has come a long way since, making its way into the hearts of scores of global majors in a wide range of growth-oriented industrial sectors.

BAL caters to diverse industrial segments including:

- Active Pharmaceutical Ingredients (APIs)
- Agro-chemicals and pesticide formulations
- Refineries
- Water treatment chemicals
- Rubber chemicals
- Electronics
- Photographic chemicals
- Dye stuffs and paints

During this 23-year journey of excellence, BAL has developed scores of new products and processes through its in-house R&D facilities, and today occupies a prominent position in the manufacture of aliphatic amines (methylamines, ethylamines and their derivatives) and specialty chemicals.





Balaji

Widely acclaimed for its quality-consciousness, BAL is an ISO 9001:2008 certified company. It also enjoys 'GMP' (for facility and practices) and WHO-cGMP (for products) certifications for some of its products. It has successfully undergone a 'European Third-Party Audit', and has submitted a European 'Drug Master File' (DMF). A DMF for our Povidone product has been submitted to the US Food and Drugs Administration (FDA), and it is currently under evaluation.

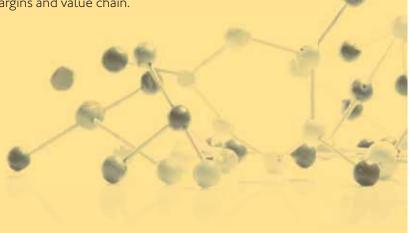
BAL's plants have been developed indigenously and continually revamped over the last two decades to maximize productivity levels with minimum capital outflow and optimal utilization of utilities and raw materials. With its unrelenting in-house R&D endeavour, the company has developed and launched several new products over the years, on par with the world's best in quality and at comparable costs.

The company also has a first-of-its-kind-in-India plant for producing various speciality chemicals, which have been developed through an in-house R&D process. Measuring up to global standards, the company's GBL plant has emerged as a widely acclaimed, cost-effective I00% import substitute.

In its 23-year-long, indigenously developed world-class expertise in the manufacture of methylamines, ethylamines and speciality chemicals, BAL has developed and fine-tuned its in-house process through research and development to become the first Indian company to set up dedicated plants for the manufacture of specialty chemicals like N-Methyl 2 Pyrrolidone (NMP), Morpholine, 2 Pyrrolidone (2-P), Gamma Butyrolactone (GBL), Poly Vinyl Pyrrolidone (PVPK 30), N-Ethyl-2-Pyrrolidone (NEP), MMAE, DEAE, DMU and DMAE, which are widely accepted by clients the world over.

BAL is India's largest manufacturer of methylamines and their derivatives, with a market share of over 60%. The company is the world's largest producer of Di-Methyl Amine Hydrochloride (DMA-HCl), commanding nearly 90% of the global market share. BAL is India's only producer of NMP.

Through judicious and far-sighted backward / forward integration, the company consumes over 70% of its Methyl Amines production capacity internally, which significantly enhances its margins and value chain.



## We Have a Diverse Product Range



#### What are Amines?

Amines are organic compounds that find application in many different ways. They are used to make azo-dyes; many drugs and medicines are based on amino compounds and are used as anti-histamines for allergies, decongestants and tranquilizers. Amphetamine and methamphetamine are amines; one of the compounds used to make nylon is an amine.

Amines and their salts are used as corrosion inhibitors in boilers and in lubricating oils, as antioxidants for rubber and roofing asphalt, as stabilizers for cellulose nitrate explosives, as protectants against damage from gamma radiation, as developers in photography, as flotation agents in mining, as anticling and waterproofing agents for textiles, as fabric softeners, in paper coating, and for solubilizing herbicides. Some amines are valuable pharmaceuticals, too.

#### Our products include:

#### **Amines**

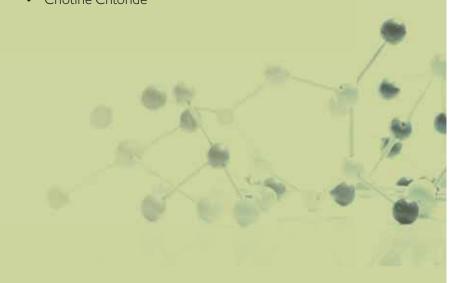
- Mono-Methylamine (MMA)
- Di-Methylamine (DMA)
- Tri-Methlylamine (TMA)
- Mono-Ethylamine (MEA)
- Di-Ethylamine (DEA)
- Tri-Ethylamine (TEA)
- Mono-Methyl Amino Ethanol (MMAE)
- Di-Methyl Amino Ethanol (DMAE)
- Di-Ethyl Amino Ethanol (DEAE)

#### **Specialty Chemicals**

- N-Methyl Pyrrolidone (NMP)
- Morpholine
- 2-Pyrrolidone (2-P)
- N-Ethyl-2-Pyrrolidone
- Gamma-Butyrolactone
- Poly-Vinylpyrrolidone K 30

#### **Derivatives**

- Di-Methyl Acetamide (DMAC)
- Di-Methyl Amine Hydrochloride (DMA-HCl))
- Tri-Methyl Amine Hydrochloride (TMA-HCl)
- Di-Ethyl Amine Hydrochloride (DEA-HCL)
- Tri-Ethyl Amine Hydrochloride (TEA-HCL)
- Di-Methyl Urea (DMU)
- Choline Chloride



### We Let Our Clientele

## Speak for Us













































































































































