

*Endeavor to Reach  
Beyond Excellence*



**BEC**  
**CHEMICALS**  
*Manufacturing Excellence*



**“Winners perform but champions perform consistently”**

Running a business is not a short sprint, but a marathon. The real formula of winning is to move ahead with a consistent stream of planning, perseverance and execution. BEC has always steered on this path to lead a sustainable business. Through consistent growth over a period of years, we have reached the pinnacle in our area of expertise but still look ahead for reaching greater heights and creating a niche for ourselves.

## **About Us**

BEC Chemicals Pvt. Ltd. was founded by the Late Mr. M. T. Shah in 1979. The company specializes in manufacturing of Active Pharmaceutical Ingredients (APIs) and Intermediates.

The head office is based in Mumbai close to the international airport and the manufacturing unit is 125 kms away at Roha. The manufacturing unit has been approved by the Indian and European Drug Authority and is **EU-GMP** and **State GMP** certified. The company is also **ISO 9001:2008**, **ISO 14001:2004**, **ISO 18000:2004** and **OHSAS** certified by SGS-UK. The manufacturing unit is **100% Export Oriented Unit** and is recognized as a **Star Export House** by DGFT (India).

### **Products developed first time in India by BEC :**

1982	4,7, DCQ
1991	Ketoprofen Isopropylamine Salt
1995	5-ASA/Mesalamine/Mesalazine
1996	Loxoprofen Sodium
2001	Ketoprofen Nitrile
2009	Ketoprofen Lysinate
2013	2,6, Dihydroxy Acetophenone
2013	2,4, Bromo Methyl Phenyl Propionic Acid

### **Certifications**





## “Blending human mind and machine effort”

The Human mind created machines, efforts of which made it possible for humans to achieve what was once considered to be impossible. But only the right proportion of both can work wonders. Imagine a process, with a definite blend which would render in achieving near 100% efficiency. This has been the backbone of BEC's success over the years.

## **Production Capabilities**

BEC has been successfully meeting the ever growing demand of the market delivering timely products without compromising on quality at any point of time

- BEC Chemicals has production capabilities to manufacture products of the highest quality standard. The facility is divided into three independent production blocks for chemical synthesis and powder processing. The total installed reactor capacity is 100m<sup>3</sup>.
- We have **dedicated** manufacturing blocks for our APIs which comply with the requirements of GMP as per ICH Q7 requirements.
- The Purified water meets the requirement of Ph. Eur. which is demineralized and UV treated. The quality of portable water meets the drinking water specification as per WHO norms.
- The clean room areas, classified under Class D, are serviced by the HVAC system which controls the temperature, total particle count, number of air changes and provides adequate pressure balances.
- BEC can undertake various reactions such as Alklation, Friedal Craft, Nitration, Halogenation, Hoffmann, Oxidation, Grignard Reaction, Raney Nickel, Bromination, Diozo-coupling, Hydrolysis, Decarboxylation, Esterification and reactions at high temperature and pressure.





**“Safety is not expensive,  
it is priceless”**

At BEC, the key thrust has always been on patient and human safety. Life is priceless and hence it is imperative that the end product reaching patients is devoid of anything which can cause harm. At BEC, we believe quality is never accidental but is achieved through dedication, discipline and desire. Hence all process and quality measures have been developed taking safety and quality into consideration and are regularly monitored, evaluated and improved upon from time to time.

## **/// Quality, Health & Safety**

BEC has always been known for its Quality, Health and Safety standards. At BEC, we ensure that quality is never compromised at any level of operation. It is these efforts that have led us to achieve various certifications and approvals like EU-GMP, cGMP, WHO-GMP, ISO 9001:2008, 14001 and 18000:OHSAS.

- The company is regularly inspected for GMP and EHS compliances by number of global pharmaceutical companies and the main goal of the quality unit is to ensure effective implementation of Quality Management System and to safeguard patient safety.
- The company has full-fledged effluent treatment plant to treat waste water to the tune of 100m<sup>3</sup> per day, adhering to Pollution Control Board norms.
- The treatment of waste water in ETP primarily comprises of oil & grease separation, equalization, neutralisation, primary settling and removal of suspended solids, bio aeration (Installed capacity of 1,500m<sup>3</sup>/per day), Clarification through primary and secondary clarifiers and tertiary treatment using sand and activated carbon.
- The company is also a member of CETP, Roha for effluent treatment and also a member with Mumbai Waste Management for its solid waste.
- There are well defined SOP's in the EHS department which adequately ensure that BEC provides safe and clean environment not only to its employees but also to public.





**“ Right move at the right time  
leads to the right destination”**

The wisdom of winning is to gauge an opportunity and follow it by the right moves using one's instinct, knowledge and experience. BEC identifies the consumer need and unlocks these opportunities with the right move. Carrying out research in advance process technologies and their timely commercialization has enabled BEC to meet the demands of its customers on time and at a competitive cost.



## **/// Research and Development**

In our continuous endeavour to meet the demands of market, BEC has set up a state-of-the-art R&D centre located close to our Head Office in association with our sister company IBI Chematur Ltd.

The unique features of our R&D centre are:

- The R&D centre is located close to our head office in Mumbai. It has been set up jointly with our sister company IBI Chematur Ltd., a joint venture with Chematur Engineering AB, Sweden.
- The R&D centre is ISO 9001:2008 certified and complies with the requirements of OHSAS and Good Laboratory Practices.
- The centre is well equipped with sophisticated analytical instruments, process equipments and also has facility to take trails from milligram to kilogram scale.
- The centre's primary focus is to work on organic synthesis and to develop bio-process technologies for pharmaceutical product lines. The R&D centre has been set up to facilitate requirements of our customers in terms of development of new products and to optimize the process technology for existing products.





**“ Good association is the very  
sinews of virtue”**

Association gives pride that you are trusted in your field and that you are on the right path to fulfill what you have set out to achieve. BEC is privileged to be associated with companies that have helped us to reach where we are.

## **Associated Companies**

BEC is proud to be associated with well known companies offering complimenting services. It is due to these associations that we have been able to achieve a level of leadership in our sector over the years.

The following companies are part of our group:

### ■ **IBI CHEMATUR (Engineering & Consultancy) LTD.**

A joint venture company promoted in association with Chematur Engineering. AB, Sweden, to render engineering and consultancy services in the field of Petrochemicals, Chemicals & Fine Chemicals, Cosmetics, Pharmaceuticals, Industrial Explosives, Waste Acid Recovery and Environmental Protection Plants.

IBI Chematur undertakes basic engineering, detailed engineering, procurements and expediting, erection supervision, site management and start-up and commissioning.

**[www.ibichematur.com](http://www.ibichematur.com)**

### ■ **Indo Berolina Industries Pvt. Ltd. (IBI)**

Undertakes the design and fabrication of chemical process equipments such as Columns, Heat Exchangers, Reactors, Storage tanks etc. in SS/CS materials as per the client's requirements.

**[www.indoberolina.com](http://www.indoberolina.com)**



**Corporate Head Office :**

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Mumbai - 400 059, Maharashtra, India.

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Email: [sales@becchemicals.com](mailto:sales@becchemicals.com)

**Registered Office :**

Victoria Building, First Floor,  
S.A.Brelvi Road, Fort,  
Mumbai - 400 001, Maharashtra, India.

**Factory Address :**

Plot No. 24, MIDC Dhatav,  
Roha, Dist. Raigad - 402 116,  
Maharashtra, India.

## Products

### Active Pharmaceutical Ingredients

Product	Regulatory Support	Application
Ketoprofen	EDMF, CEP, EU-GMP, USDMF, WHO-GMP, PMDA	Anti-Inflammatory
Ketoprofen Lysinate	DMF	Anti-Inflammatory
Dex-Ketoprofen	DMF	Anti-Inflammatory
Dex-Ketoprofen Trometamol	DMF	Anti-Inflammatory
Mesalamine / Mesalazine	EDMF, CEP, EU-GMP, USDMF WHO GMP	Anti-Inflammatory, (Crohn's disease)

### Intermediates

Intermediate Product	CAS No.
Ketoprofen Nitrile	42872-30-0
5 - Amino Salicylic Acid-Crude	89-57-6

### Under Development (Year of Launch 2018)

Product	CAS No.	Application
Carbocisteine	638-23-3	Mucolytic
Carbocisteine lysine salt monohydrate	151756-26-2	Mucolytic
(S)-(+)-3-Hydroxytetrahydrofuran	86087-23-2	Intermediate for Anti retrovirals
(3S)-3-[4-[(5-bromo-2-chlorophenyl)methyl]phenoxy]tetrahydrofuran	915095-89-5	Intermediate for Empaglifozin
Montelukast Sodium	151767-02-1	Antiasthma

Note: All transactions would be in compliance with patent laws applicable in the user's country and the responsibility to check for non - infringement lies exclusively with the buyer.