



Chemistry For everyday Living B



PROFILE

Aditya Birla Chemicals (India) Limited forms part of the Aditya Birla Group's Chemical Business which spans over nine units - five in Thailand and four in India. Bihar Caustic is engaged in Producing Chlor alkali chemicals viz. Caustic Soda Lye (92,750 TPA), Liquid Chlorine (56,000 TPA), Hydrochloric Acid (43,750 TPA), Sodium Hypo Chlorite (1,800 TPA), Compressed Hydrogen Gas (17.42 Lakh Nm³ per Annum), Aluminium Chloride (12,000 TPA) and Stable Bleaching Powder (17,500 TPA). The manufacturing process of the plant is latest energy efficient and environment friendly state-of-art Membrane Cell Technology.

HISTORY

Presently a subsidiary of Hindalco, Bihar Caustic was founded & co-promoted in 1976 by Aditya Birla Group of Companies and Bihar State Industrial Development Corporation, as a feeder company to Hindalco Ind. Ltd. Commercial Production started in 1984 with product line comprising of Caustic Soda Lye (initial capacity of 100 TPD), Liquid Chlorine and Hydrochloric Acid. As the manufacturing process is highly power intensive (power accounts for 65% of its cost of production), the company decided to go for its own Captive Power Plant of 30 MW. Commercial production of Power Plant started in Jan' 2001. This was the turning point of the company due to availability of economical and stable power from its Captive Power Plant.



THE ADITYA BIRLA GROUP

Aditya Birla Chemicals (India) Limited is part of India's premier industrial house, the Aditya Birla Group. The Aditya Birla Group is India's first truly multinational corporation. Global in vision, rooted in values, the Group is driven by a performance ethic pegged on value creation for its multiple Stakeholders. A US\$ 28 billion conglomerate, with a market capitalisation of US\$ 31.5 billion and in the League of Fortune 500, it is anchored by an extraordinary force of 100,000 employees belonging to over 25 different nationalities. Over 50 per cent of its revenues flow from its operations across the world.



The Group's products and services offer distinctive customer solutions worldwide. Its 85 state-of-the-art manufacturing units and sectoral services span 20 countries – India, Thailand, Laos, Indonesia, Philippines, Egypt, Canada, Australia, China, USA, UK, Germany, Hungary, Brazil, Italy, France, Luxembourg, Switzerland, Malayasia and Korea.

The Aditya Birla Group is a dominant player in all of the sectors in which it operates. Among these are viscose staple fiber, metals, cement, and viscose filament yarn, branded apparel, carbon black, chemicals, fertilizers, insulators, financial services, telecom, BPO and IT services. The Group's corporate office is located at Mumbai in India.

ABCIL - RECOGNITIONS

ABCIL is the first Indian Chlor Alkali Company to be awarded as a **Responsible Care Committed Company** by ICMA. The unit has also been accredited with four International Certifications - ISO-9001:2000, ISO-14001:2004, OHSAS-18001:1999 & SA-8000:2001.

For overall excellence, company has been recognized with prestigious national level awards viz:

- IMC Ramakrishna Bajaj National Quality Award Trophy 2007 in the Manufacturing Category.
- IMC Ramakrishna Bajaj National Quality Certificate of Merit for two consecutive years 2005 & 2006.
- Best Responsible Care Committed Company Award by Indian Chemical Council, 2004-2005
- RC logo by Indian Chemical Council
- FICCI Award for Community Development.
- Planet Award 2005-06 (Aditya Birla Group Only) For Excellence in Community Development

PRODUCT PORTFOLIO

Caustic Soda Lye (46% -48%)

Applications: Used in

- Aluminium Industry
- Viscose rayon
- Refinery
- Soap
- Detergent
- Pulp and paper
- Chemical Processing Industry



Liquid Chlorine

Applications: Used in

- Chlorinated paraffin wax (CPW)
- Poly vinyl chloride (PVC)
- Polyurethane (PUR)
- Polycarbonate
- Fluoropolymer
- Perchloroethane
- Phosgene
- Epichlorohydrin
- Water treatment
- Sodium hypochlorite
- Pulp and Paper



Hydrochloric Acid (30% -33%)

Applications: Used in

- Metal pickling
- Petroleum refinery
- Floor cleaning product
- Sugar refining
- Brewery
- Galvanising
- Water treatment
- Dyes
- Ossein/Gelatin
- Chemical manufacture



Sodium Hypochlorite

Applications: Used in

- Bleaching agent for rayon pulp and paper, cotton, linen and jute
- Disinfectant and deodorant in dairies and creameries (sterilisation)
- Water treatment (chlorination)
- Household bleach
- Pool chlorination
- Germicide
- Fungicide



Hydrogen Gas

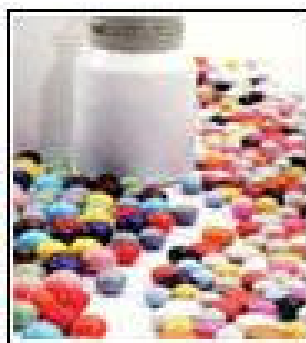
Applications: Used in

- Hydrogenation of edible oils for manufacture of Vanaspati and non-edible Oils for manufacture of soaps
- Hydrogenation of petro-products for the manufacture of Hard lubricants
- Sintering in the manufacture of Tungsten Carbide tool bits and in Powder
- Metallurgy For underwater gas cutting and for plasma cutting
- For the manufacture of Hydrogen Peroxide
- Rocket propulsion
- Reducing atmosphere in furnaces with or without Nitrogen
- In bright annealing of Copper and Stainless Steel

Anhydrous Aluminium Chloride (Granules & Powder)

Applications: Used in

- Pharmaceuticals
- Dyestuffs & Pigments
- Agrochemicals
- Flavours & fragrances
- Chemical Intermediates

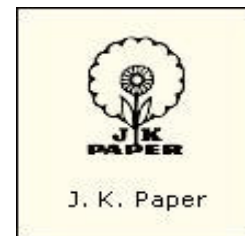
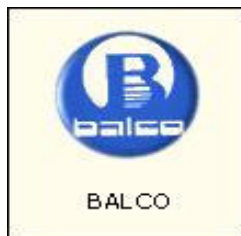
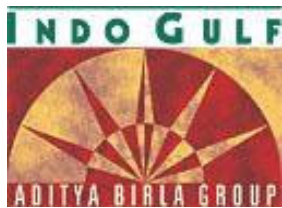
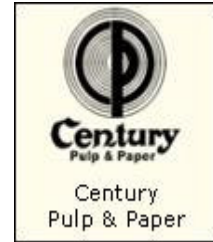


Stable Bleaching Powder

Applications: Used in

- Disinfectant for water treatment
- Bleaching agent in textile industry
- Sanitizer in epidemic control
- Aqua Culture
- Carpet Industry
- Pulp and Paper Industry
- Health departments, Hotels, Offices, Homes etc.

VALUED CUSTOMERS



CORPORATE CITIZENSHIP

Leadership at A.B.C.I.L. has continuously propounded a culture of caring for the society living in close vicinity of its operations. This trusteeship philosophy was introduced by our Founder Chairman Shri G.D. Birla and actively encouraged by Shri Aditya Birla. Under his nurturing, the Company's community initiatives were significantly enlarged and expanded. Our Chairman is also committed to this philosophy. Under the Leadership of Smt Rajashree Birla, "Aditya Birla Centre for Community Initiatives & Rural Projects" is taking care for Community Development in all the units of Aditya Birla Group.

There is a Rural Development Dell in the name of "Jan Seva Trust" working for the development of twenty-nine Villages.

The cells focus areas are: —————>

Health & Family Welfare

Infrastructure Development

Economic Self-Reliance and Water Shed Development.

Social Reform

Education and Capacity Building

Health & Family Welfare



Infrastructure Development/Economic Self-Reliance and Water Shed Development



Social Reform / Education and Capacity Building



Contact Us

REGISTERED OFFICE AND WORKS

ADDRESS	Aditya Birla Chemicals (India) Limited Garhwa Road, P.O. - Rehla, Pin - 822 124, District - Palamau, Jharkhand, India.
PHONE	+91 (6584) 262211 / 262221/ 262488/262520
FAX	+91 (6584) 262205 / 262491
E-MAIL	shyam.gupta@adityabirla.com (Managing Director) iqbal.khan@adityabirla.com (Marketing)

MUMBAI OFFICE

ADDRESS	Aditya Birla Centre, "B" Wing, 2nd Floor, S.K. Ahire Marg, Worli, Mumbai - 400 030.
PHONE	+91 (22) 24995303 / 56525332 / 56525000
FAX	+91 (22) 56525772
Contact Person	Mr. Sanjeev Dwivedi

KOLKATA OFFICE

ADDRESS	Industry House, 9th Floor, 10 Camac Street, Kolkata - 700 001.
PHONE	+91 (33) 22480949 / 22200464
FAX	+91 (33) 22200214
Contact Person	Mr. Anup Ojha

DELHI OFFICE

ADDRESS	UCO Bank Building, 4th Floor, Parliament Street, New Delhi - 110 001.
PHONE	+91 (11) 23710548 / 23710549
FAX	+91 (11) 23718370
Contact Person	Mr. Shubhendu Amitabh

RANCHI OFFICE

ADDRESS	Quarter No. 293-K, Lake Avenue, Kanke Road, Ranchi - 834 008.
PHONE	+91 (651) 2230635
FAX	+91 (651) 2231877
Contact Person	Mr. N A Khan
E-MAIL	neyaz.khan@adityabirla.com



Temple in ABCIL premises



Ultra modern ABCIL hospital



CBSE Affiliated ABCIL School



Well Planned ABCIL Colony

Aditya Birla Chemicals (India) Limited



www.adityabirlachemicalsindia.com

E-mail: biharcaustic@adityabirla.com