



REGISTERED OFFICE

- Plot No. 123-124, Phase - I,
G.I.D.C., Vatva,
Ahmedabad - 382445
Gujarat (India)
- +91-99099 50856 +91-99099 50857
- GPS Location : 22° 58'12.6"N 72° 38'19.5"E

CORPORATE OFFICE

- Corporate House, Behind Venetian Villa,
Near Anand Niketan School,
Shilaj Ring Road Circle, Shilaj, Thaltej
Ahmedabad-380059
- +91-079-68160100
- GPS Location : 23°03'00.1"N 72°28'53.9"E

info@bodal.com
CIN : L24110GJ1986PLC009003

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www.bodal.com



COMPANY HIGHLIGHTS

01

One of the

WORLD'S LEADING

manufacturers of Dye intermediates and Dyestuff

02

INDIA'S LARGEST

manufacturers of Dye Intermediates

03

LEADING INTEGRATED

Dyestuff provider in India, optimizing logistics costs and facilitating enhanced margins

04

SECURING 3%

share of the global Dyestuff market

05

A prominent manufacturer in the field of

WATER PURIFICATION CHEMICALS

06

Extensive global presence, exporting to more than

45 COUNTRIES WORLDWIDE

07

WORLD'S FIRST

Brine treatment facility has been installed with the aim of realizing Zero Liquid Discharge (ZLD) objectives

08

An in-house

CAPTIVE POWER PLANT AND STEAM GENERATION

effectively lowering power costs

09

Offering a diverse portfolio of over

200 PRODUCTS

10

A vast clientele of over

600 CUSTOMERS worldwide

11

Our new production line elevates

BENZENE & ITS DERIVATIVES

to new heights of quality

12

Advancing quality with our new

CAUSTIC SODA & HYDROGEN

production technology

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COMPANY OVERVIEW

Established in 1989, Bodal Chemicals Ltd. has solidified its position as a leading integrated Dyestuff company in India. Renowned for our unwavering commitment to excellence, we've earned recognition as a premier exporter of Dye intermediates and Dyestuff.

Our strategic initiatives are driving continual growth and success. We're actively broadening our product portfolio, transitioning from integrated Dyestuff to specialized value-added products like Benzene derivatives. These products find extensive applications across pharmaceuticals, agrochemicals, paper, and more.

The recent modernization and capacity expansion of chlor alkali at Punjab exemplifies our dedication to expanding our reach and clientele. In the past year, we've initiated diversification efforts and bolstered our manufacturing capacity, particularly in benzene downstream-related products.

Our vision is to ascend the value chain, expanding beyond basic Dyestuff's and intermediates into specialty chemical products. With a focus on enhancing our market presence and diversifying our product offerings, we're poised to better serve the industry's evolving needs.



CORPORATE HOUSE



REGISTERED OFFICE



VADODARA OFFICE

CHAIRMAN'S MESSAGE



“

Established in 1989, Bodal Chemicals Ltd. (BCL) is a premier integrated dyestuff company and leading exporter of dyes intermediate and dyestuff. With a vision for excellence, we continuously strengthen our capabilities to enhance possibilities.

Our integrated business model covers Dye Intermediates, Dyestuff, Basic Chemicals which includes Sulphur & Bulk,

enabling better supply chain control and value delivery to customers. Currently, BCL produces over 25 key Dye Intermediates, 175 Dyestuff, and 10 Major Sulphur & Bulk Chemicals.

With a turnover of approximately U.S. \$267 Million and a presence in 45+ countries, our success is a testament to our dedicated team's hard work. We are committed to creating significant benefits for our shareholders.

As a responsible company, we prioritize safety, health, and environmental sustainability, contributing positively to society through various initiatives.

Our company's fundamentals and expansion strategies remain intact, supporting our strong growth prospects. I extend my gratitude to the entire Bodal team for their commitment and efforts. With confidence, I believe BCL will continue to offer the best in products, services, and values.”

THANKING YOU

SURESH J PATEL

Chairman and Managing Director

MANAGEMENT CADRE



Mr. SURESH PATEL Chairman and Managing Director

A visionary entrepreneur and dynamic business leader, Mr. Suresh J. Patel, the founder and promoter of the company, brings extensive experience in the chemical industry, particularly in manufacturing Dyes and Dye Intermediates. His strategic decision-making ensures the production of high-quality Dyes and Dyes Intermediates, positioning the company competitively.



Mr. BHAVIN PATEL Executive Director

A young and dynamic personality with over 16 years of experience in the company, specializes in marketing Dyestuff. Instrumental in developing the Dyestuff business, he heads the division, integrating the entire business vertically and horizontally. He leads liquid Dyestuff initiatives and is part of the promoter group.



Mr. ANKIT PATEL Executive Director

With a graduate degree in economics and a master's in business administration, He contributes significantly to the development of the Sulphuric acid plant and heads the basic chemicals division. With over 10 years of association with Bodal Chemicals Ltd., he oversees the Chlor Alkali plant expansion and new growth areas.



Mr. RAJARSHI GOSH Director HSE

With over 20 years of experience in cross-functional management, He specializes in Environment, Health, Safety, and Security (EHSS) management, bringing extensive expertise to his role.



Mr. ROHIT MALOO Independent Director

A Practicing Chartered Accountant with over 15 years of experience, He specializes in audit and taxation for listed companies. His strong academic background includes multiple degrees in M.Com, CA, MBA, and CFA Level II.



Mr. NALIN KUMAR Independent Director

With over 28 years of experience in global financial centres, He is a seasoned investor and investment banker. He holds degrees from IIT Kharagpur and IIM Kolkata, specializing in finance and strategy.



Mrs. NEHA HUDDAR Independent Director

A qualified Chartered Accountant with over 35 years of corporate experience, brings expertise in finance, compliance, accounts, audit, HR, and CSR. She has previously held positions at Reliance Foundation and Thirumalai Chemicals.



Mr. MAYANK MEHTA Independent Director

With over 40 years of professional experience, He has held leadership roles, including Chief Financial Officer of Union Bank of India and Executive Director of Bank of Baroda. His global leadership experience and financial acumen contribute significantly to the board.



Mr. MAYUR PADHYA Chief Financial Officer

With over 25 years of experience as a qualified Chartered Accountant and Cost Management Accountant, He oversees finance, corporate affairs, and investor relations. He supervises Accounts, Finance, Secretarial, Internal Audit, and Exports.

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MILESTONE

1989

Bodal Chemicals Limited was incorporated as JK Pharma at Unit-II A

2017

The Company bought a 70% share in SPS Processors and a 40% stake in Trion Chemicals

JK Pharma acquired two more units- Unit II & III and changed its name to Bodal Chemicals Private Limited

1993-1994

2018

The Company expanded in Dyestuff by 12,000 MTPA and installed an additional 5MW of cogeneration power plant

1997-2004

The Company acquired two more units in 1997. In the year 2004, the Company expanded into the Dyestuff segment

2019

The Company enhanced its Dyestuff capacity by 6,000 MTPA and installed TC capacity by 36,000 MTPA

The company via reverse merger with Dintex Dye Chem (Unit I) got listed on BSE in 2006. It further acquired Unit IV. The Company built Unit VII and acquired Unit VIII in 2007

2006-2010

2019-2020

The Company acquired 100% stake in Trion Chemicals and amalgamated with Bodal as Unit XI, acquired 80% stake in Sener Boya, a Turkish entity and gained the recognition of Bluesign System partner

2011

The Company backwardly integrated with Basic Chemicals at Unit VII. The Company got listed on NSE in 2011

2021

At Saykha, Gujarat, the Company began diversifying into specialty benzene downstream products and expanding its Sulphuric Acid & Derivatives business, as well as acquiring Punjab Operation Unit XII, a Mawana Sugars Limited's unit for Chlor Alkali Products

Constructed a Multi-Effect Evaporation facility at both Unit I and Unit VII

2013-2015

2022

Company acquired balance 20% stake in Sener Boya and make it 100% owned subsidiary company, Initiated process of amalgamation of S P S processors Pvt Ltd into the Company

2016

Bodal Agrotech amalgamated with Bodal and became Unit X

2023

Completed technology upgradation of Chlor Alkali Plant in Punjab with capacity expansion, Amalgamation of SPS with Bodal. Specialty Benzene Downstream Products in Saykha, Gujarat production started...

ACTIVITY FLOW CHART

KEY RAW MATERIALS

WATER

SALT

SULPHUR

ANILINE

BENZENE

NAPHTHALENE

DIVISIONS

SULPHUR & BLUK

- Sulphuric Acid
- Chlorosulphonic Acid
- Sulphur Trioxide
- Oleum 23% & 65%
- Sodium Bisulphate
- Acetanilide
- Thionyl Chloride
- Para Nitro Aniline

DYE INTERMEDIATES

- Vinyl Sulphone & Derivatives
- H Acid
- DASA
- F.C. Acid
- Gamma Acid, K Acid
- Sulpho Tobias Acid
- 4.N.A.D.P.S.A
- 6-Nitro
- MPDSA
- Meta Ureido Aniline
- 1:2:4 DIAZO

DYESTUFFS

- Reactive Dyes
- Acid Dyes
- Direct Dyes
- Liquid Dyes
- Liquid Dyes for Paper
- Digital textile printing Dyes & Inks
- Ink Jet Dyes

WATER PURIFICATION

- T.C.C.A.

CHLOR ALKALI

- Caustic soda
- Chlorine
- Hydrogen
- Hydrochloric Acid (HCL)
- Sodium Hypochlorite (HYPO)
- Stable Bleaching Powder (SBP)

BENZENE DERIVATIVE

- MCB
- DCB
- PNCB
- ONCB
- MNCB

END INDUSTRIES



TEXTILE



LEATHER



PAPER



HOME CARE



PHARMA



AGRO
CHEMICALS



WATER
TREATMENTS



RUBBER
CHEMICALS



GLASS
INDUSTRIES

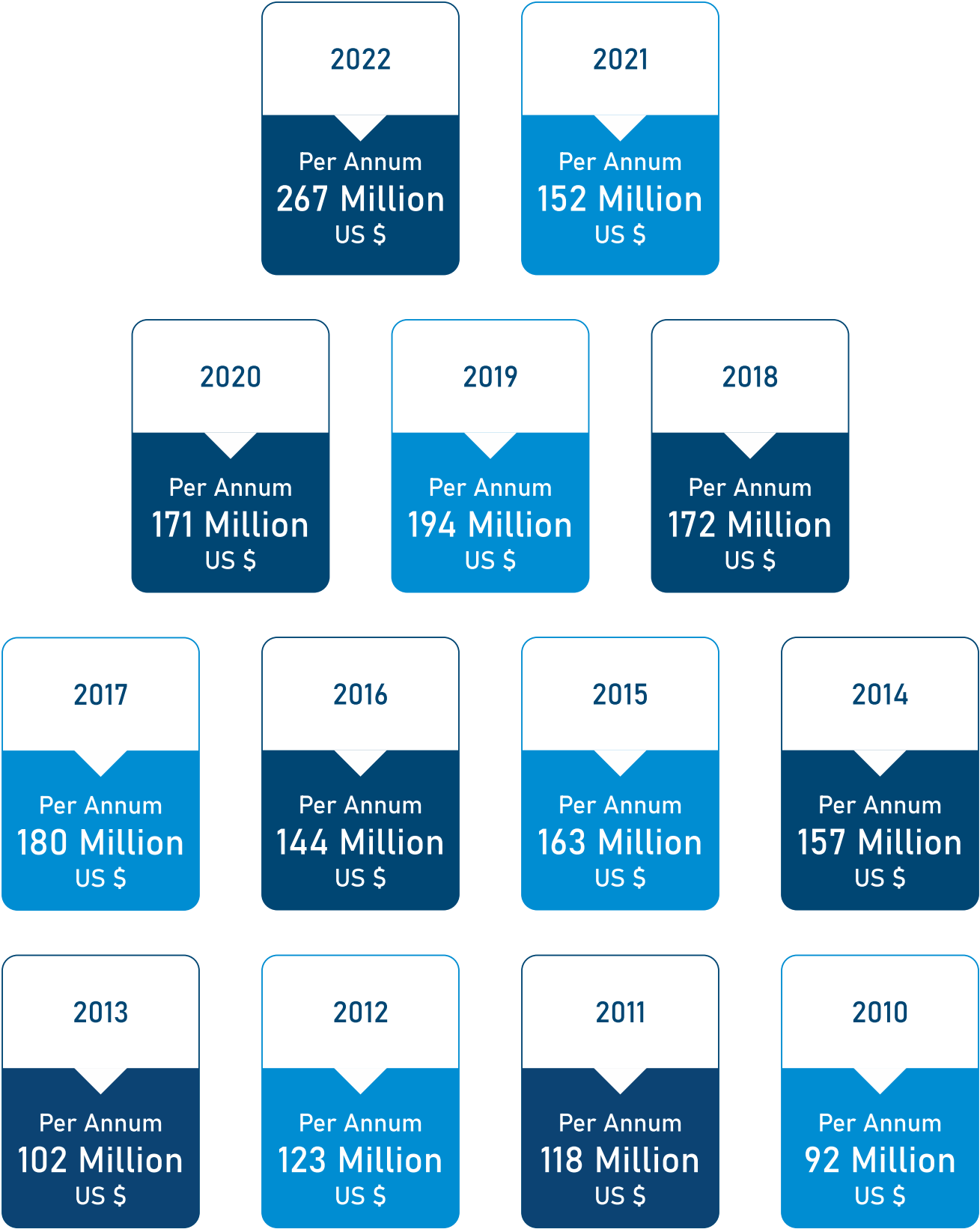
INFRASTRUCTURE: INSIGHT

- The workforce comprises over 2500 people.
- Bodal Chemicals Ltd. was listed on the stock exchange in 2006.
- The company has four international subsidiaries located in China, Bangladesh, Turkey, and Indonesia.
- In terms of waste water management, the company possesses an ETP, Brine Treatment Plant, MEEP, and ESDP.
- 10 manufacturing facilities in operation, the company ensures a diverse product portfolio.
- The company maintains three in-house R&D labs.

PRODUCTION CAPACITY (In MTS)

UNIT	LOCATION	SULPHUR & BULK CHEMICAL	DYE INTERMEDIATES	DYESTUFF	BENZENE	T.C.C.A.	CHLOR ALKALI
TOTAL	TOWN	226000	39000	35000	63000	12000	105000
Unit I	Ahmedabad	✓	✓	✓	-	-	-
Unit III	Ahmedabad	-	✓	-	-	-	-
Unit IV	Ahmedabad	-	-	✓	-	-	-
Unit V	Saykha	-	-	-	✓	-	-
Unit VI	Mathura	-	✓	-	-	-	-
Unit VII	Vadodara	✓	✓	✓	-	-	-
Unit VIII	Vadodara	-	✓	-	-	-	-
Unit IX	Bharuch	-	✓	-	-	-	-
Unit XI	Khambhat	-	-	-	-	✓	-
Unit XII	Punjab	-	-	-	-	-	✓

TURNOVER



INFRASTRUCTURE: SNAPSHOT



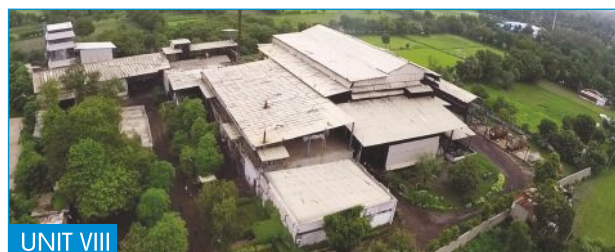
DYES & DYE INTERMEDIATE PLANT



SAYKHA



CHLOR ALKALI



UNIT VIII



WATER PURIFICATION PLANT



V. S. PARA BASE PLANT



MEE



EFFLUENT TREATMENT PLANT



TECHNICAL TEAM



HEALTH CENTER



R & D



BODAL TEAM



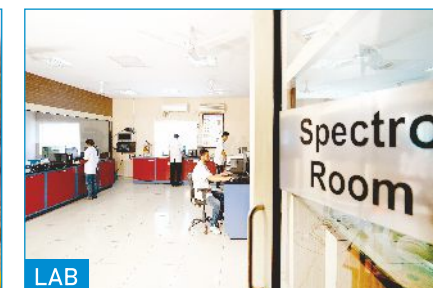
BENZENE PLANT



SCADA SYSTEM



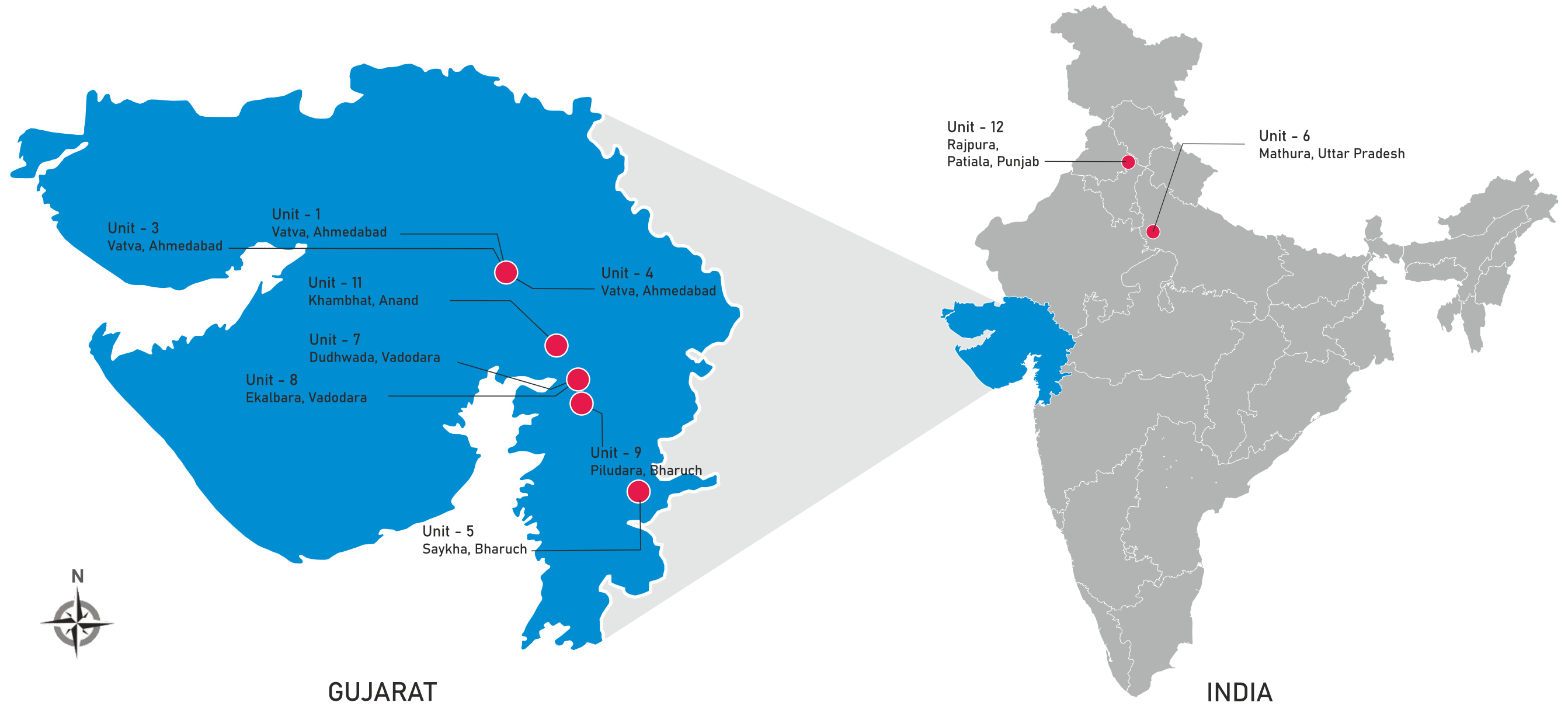
LFD PLANT

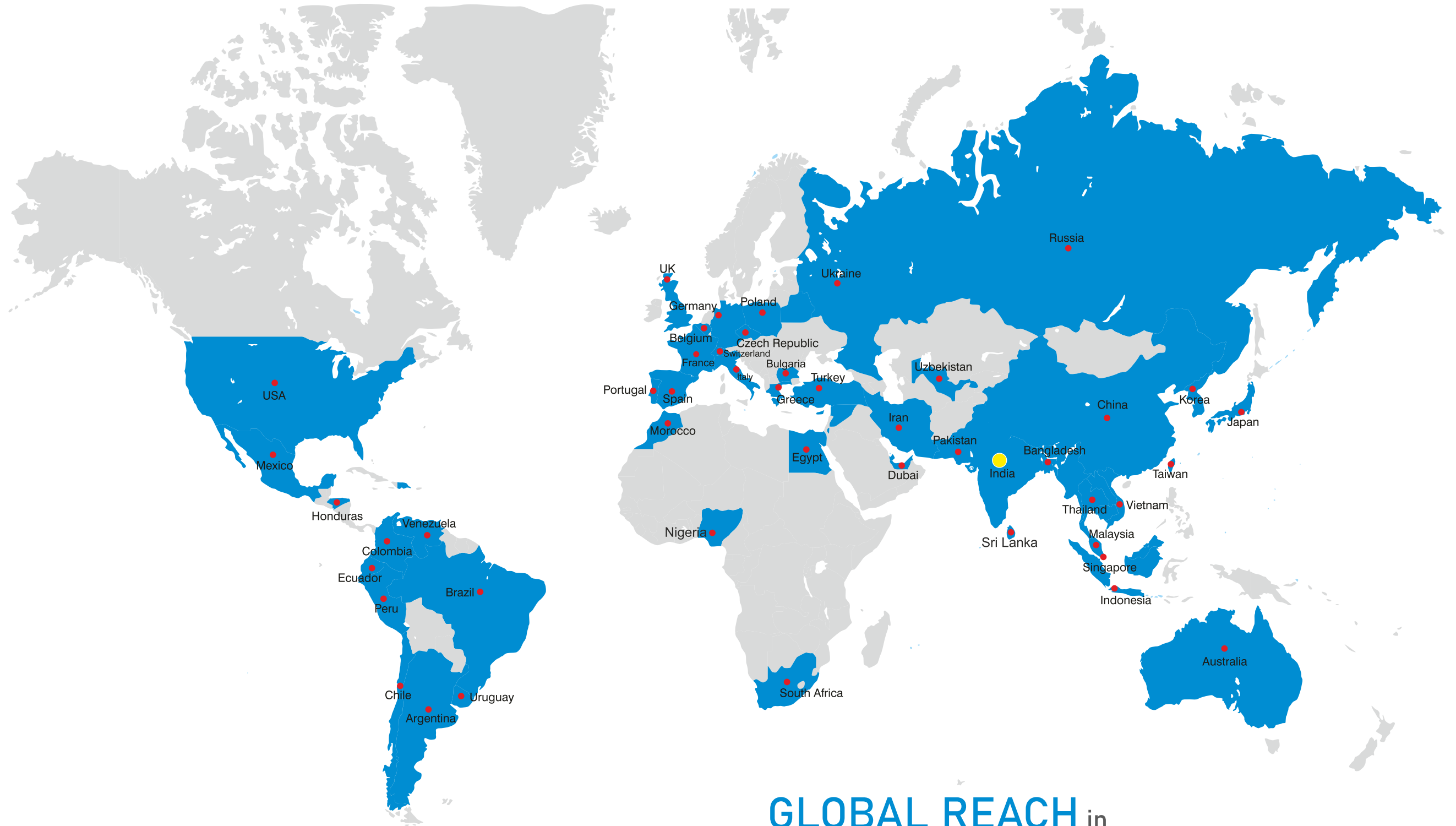


LAB



SULPHUR & BULK CHEMICAL PLANT





GLOBAL REACH in
More than **45 Countries**

NORTH REGION:

Mr. Anil Duggal
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RAJASTHAN REGION:

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JETPUR REGION

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MAHARASHTRA REGION:

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Mr. Akshay Aakotkar
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Surat, Gujarat

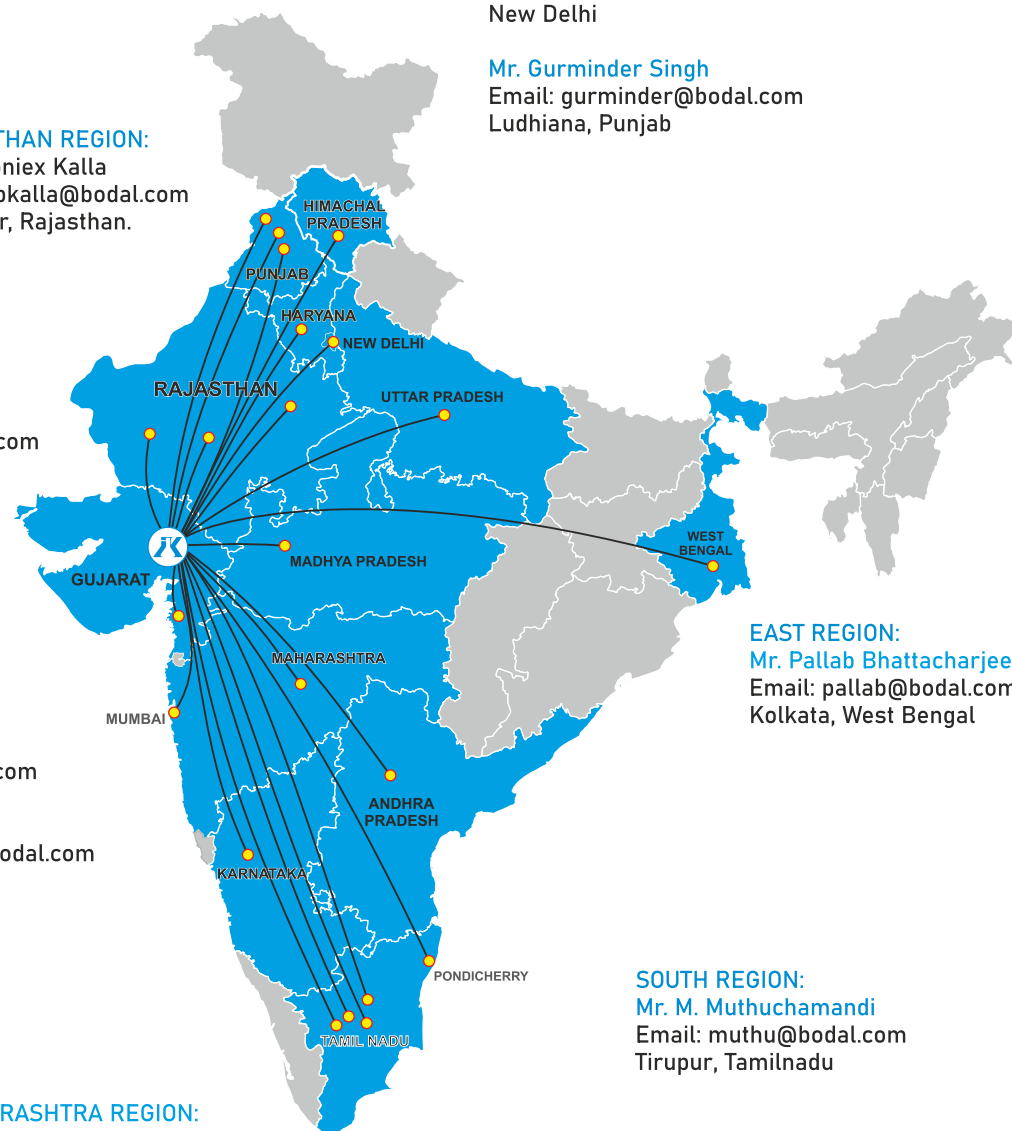
SOUTH REGION:

Mr. M. Muthuchamandi
Email: muthu@bodal.com
Tirupur, Tamilnadu

FOR LEATHER DIVISION

Mr. Anup Adhikary
Email: anup.adhikary@bodal.com

Mr. Balamurugan
Email: balaavenkat@bodal.com



HEALTH

Health represents the functional and metabolic vitality of a living being and is a crucial element of life. To safeguard the well-being of our employees, we operate an "Occupational Health Center" (OHC) equipped with a full-time doctor and medical staff. An on-call company ambulance is available around the clock. The OHC is responsible for conducting pre-employment medical examinations, routine health checks, outpatient care, and annual comprehensive medical evaluations for all employees, including pathology, radiography, and specific organ tests. Our team is also educated on reducing workplace hazards and special health camps are organized to address prevalent diseases such as Malaria, Dengue, Chikungunya, and Vitamin B12 Deficiency.



OCCUPATIONAL HEALTH CENTER

SAFETY

Ensuring the safety of individuals is paramount

As the adage goes, and rightly so. Safety is a critical concern across all sectors. Recognizing its significance, we've appointed dedicated safety representatives for each plant, who work in tandem with our safety team. We also ensure that every new employee undergoes comprehensive safety training as part of their orientation. This includes classroom instruction covering theoretical knowledge, Material Safety Data Sheet (MSDS) comprehension, and on-site plan training. Practical on-the-job training with demonstrations and regular mock drills are also conducted. Personal protective equipment such as helmets, safety shoes, and goggles are mandatory for all operators based on their job roles. Additionally, a Fire Hydrant system is installed across all plants for enhanced safety.



TRAINING CENTER



SAFETY MOCK DRILL

ENVIRONMENT

ENVIRONMENT Aiming for “Zero Pollution,” we are committed to environmental stewardship and adhere to the principles of Recovery, Recycling, and Reuse. This approach not only educates our workforce but also allows for the reutilization of materials without reprocessing, saving time, money, energy, and resources. We employ the Life Cycle Assessment method to manage waste and evaluate the environmental impact at every stage of a product’s lifecycle, from raw material extraction to manufacturing and distribution. As a chemical company, we prioritize environmental protection and have established in-house facilities for the management of wastewater, solid waste, and gaseous emissions. Our environmental management strategy encompasses tools for governance, such as environmental policies, reporting, performance evaluation, and both internal and external audits. Process-based tools focus on source reduction through best operating practices, cutting-edge technology, waste minimization, and pollution prevention. Product-based tools include Industrial Ecology, Extended Producer Responsibility, and Environmentally-Friendly Design.

For the waste management, we have bio degradation treatment plant that is ETP, which is of capacity 800000 liters per day with online monitoring system which is used for Chemical Oxidation, Flocculation, Clarification, Bio-degradation by Advent Integrated System (AIS), (American Technology) Tertiary Poly system.

Also, we have MEE (Multiple effect evaporation effluent) plant, specially dedicated for intermediate plant at Vadodara and Ahmedabad. Which has a capacity of 500000 Liters per day which reuses the condensed water and makes it totally integrated zero discharge system. Also, it uses very low steam and low power consumption.

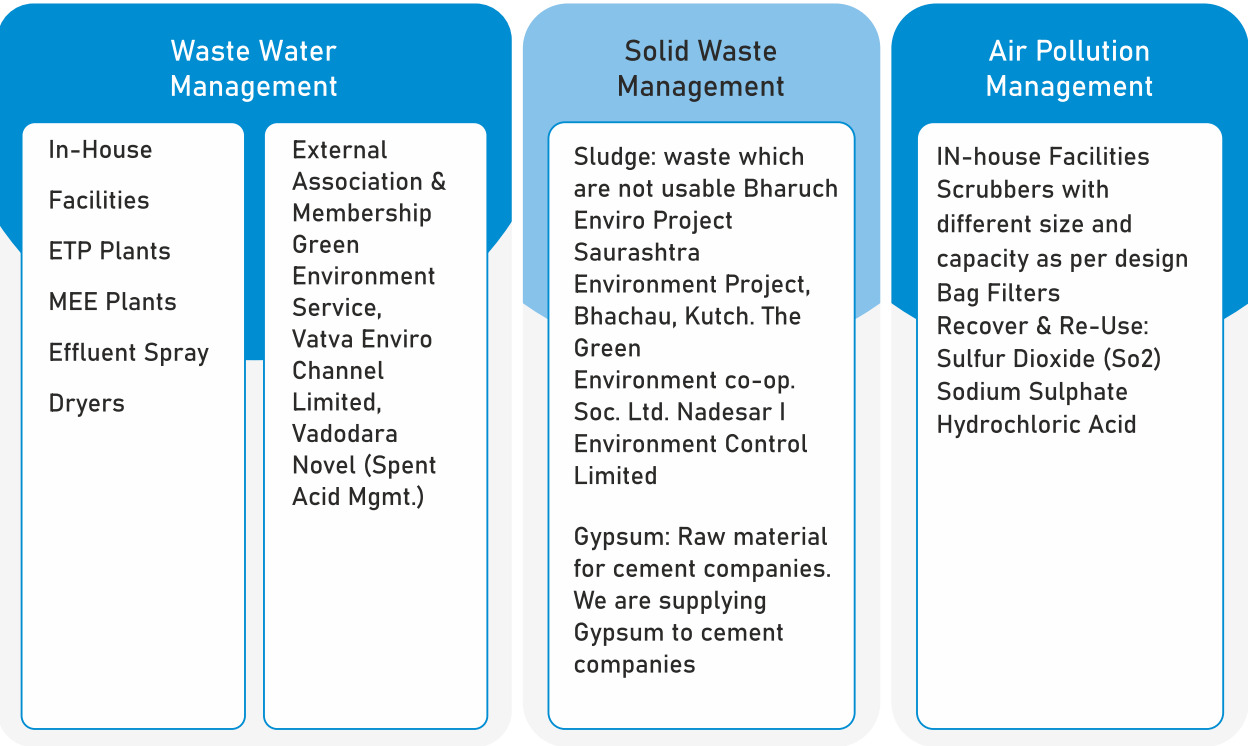
The third plant for waste management is Effluent spray dryer, which runs on spray drying and Incineration technology at Vadodara and Ahmedabad. The capacity of spray drying and Incineration are of 150000 Liters per day and 125000 Liters per day respectively.

Plant and machineries are of international standards. Safety and environmental norms are strictly adhered to in compliance with the Factory Act.

Facilities for Sulphonation, Filtration, Reduction and Latest drying, conforms to the best housekeeping services available.

Our Commitment to a healthier world reflects our character.

WASTE MANAGEMENT



AWARDS



2005-06: Received the prestigious Chemexcil Gold Award for outstanding export performance by the Merchant Exporters Panel of Chemexcil, Government of India.



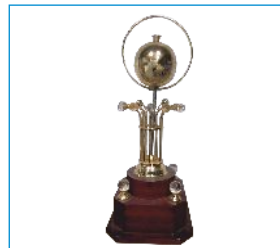
2009-10: Recognized for direct export of Dye Intermediates and Dye Stuffs by the Gujarat Dye Stuffs Manufacturers Association.



2011-12: Awarded the CHEMEXCIL "Trishul Award" for outstanding performance.



2013-14: Achieved the Highest Self Manufacturing Turnover for both Domestic and Export of Dyes and Dye Intermediates in Gujarat, Awarded by Gujarat Dyestuff manufactures Association.



2013-14: Received "Trishul Award" for outstanding export performance of Dyes and Dye Intermediate during 2013-14.



2015-16: Honored with the CHEMEXCIL Gold Award.



2016-17: Secured the Highest Self Manufacturing Turnover for Domestic and Export of Dyes and Dye Intermediates in Gujarat.



2016-17: Recognized as the First in the Large-scale unit category for exceptional performance in the Domestic market.



2016-17: Awarded the CHEMEXCIL Award of Excellency.



2017-18: Featured as 301 amongst India's most valuable companies by the Business Today.



2017-18: Listed among the Top 500 Indian Companies by Dun & Bradstreet in 2018 for the second consecutive time.



2018-19: Received the ET Enterprise Icons 2018 and Gujarat Best Brand Award 2018.



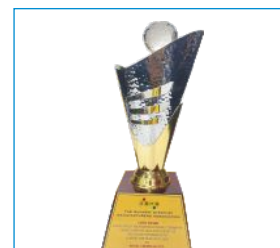
2018-19: Recognized as one of the 25 Best Companies to Work For (Industry) in 2019 by CEO Insights.



2019-2020: DMAI First Award in excellent performance in exports of dyestuff in large scale.



2020-2021: DMAI First Award in excellent performance in exports of dyestuff in large scale.



2022-23: Achieved the Highest Self Manufacturing Turnover for both Domestic and Export of Dyes and Dye Intermediates by GDMA.

CERTIFICATES



Certified by Bluesign, acknowledged as a Bluesign System partner, and approved as a Bluesign Product Supplier.



Certified by the Zero Discharge of Hazardous Chemicals (ZDHC) - Level-III.



Certified by the Global Organic Textile Standard (GOTS).



ISO 9001:2015 certifications for the production of Dye intermediates & Dyestuffs.



Holds ISO 45001:2018 certification.



Holds ISO 14001:2015 certification.



Holds OEKO-TEX certification.



Recognized as an Authorized Economic Operator.



Holds the "3 Star Export House" certification.



Reach Pre-Registered.



Certified by Bhive.



The company has achieved BRC certification.



Certified by the Leather Working Group (LWG).

Bodal Chemicals Limited (BCL) has vision to grow Globally and as responsible citizen also fulfil his duty towards society. The company's long-term CSR objective is "To improve the quality of life of the communities to whom we serve & attach

FOCUSED GEOGRAPHIC SPREAD

BCL's focused area for developmental activities will be urban as well as rural areas in the states in which it is located. The company may also support initiatives in other geographies, as approved by the CSR committee of the board, from time to time.

APPROACH

The company's CSR approach would be around following guiding principal.

IMPACT
PARTNERSHIP
AFFIRMATIVE ACTION
VOLUNTEERISM
COMMUNICATION
INNOVATION
In last two years BCL had spent US \$714 Thousand for CSR activity.



The company follow Ackerman's Model for CSR. This model defines CSR in three different phases.

FIRST PHASE Top management recognize social problem.	SECOND PHASE The company appoints staff specialist to look into the issue and find measures to tackle it.	THIRD PHASE Implementation of the strategy derived.
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DELIVERY MECHANISM

Whilst a large part of the CSR efforts of BCL will be implemented by an in-house CSR department, in some of the projects company is also partner with the credible organization to design, fund allocation, implement and review projects. Partner agencies will be selected based on the well-defined selection criteria.

GUIDING PRINCIPLE FOR CSR

IMPACT	All CSR initiatives will have well defined KPIs, to measure impacts on target groups.
PARTNERSHIP	The Company will forge collaborations with NGOs or Organisations that have expertise to implement the projects related to CSR.
AFFIRMATIVE	Actions The Company will design targeted interventions for the specific group to promote Education, Employability, and Entrepreneurship.
VOLUNTEERISM	BCL is providing opportunities to their employees, their families, and the BCL ecosystem to engage in volunteering activities that will benefit the community in which they live and work.
COMMUNICATION	Is a very important principle. The Company has a two-way communication channel, where we communicate with community people to understand their needs, expectations and aspirations can be mapped and their satisfaction can be obtained.
INNOVATION	BCL will endeavour to develop innovative solutions to solve seemingly intractable social problems.

KEY FOCUS AREAS

- Eradicating hunger, poverty and malnutrition
- Promoting healthcare and sanitation including contribution to the Swach Bharat Kosh
- Promoting education and enhancement of rural infrastructure
- Ensuring environmental sustainability
- Providing funds for construction for drinking water pipelines Conducting regular health check-up camps
- Promotes Sports, with Contribution to:
 - > Sports Council of the Deaf Basketball Club
 - > Promoting individual talent to represent the country in sporting events
- To support various Trusts and NGO's like YUVA Unstoppable

BENZENE SPECIALITY DERIVATIVES

As part of our continuous growth strategy, we have established a cutting-edge manufacturing complex for Benzene Specialty Derivatives in Saykha, an emerging industrial hub in Gujarat. This state-of-the-art plant embodies our commitment to adopting the Best Available Technology (BAT), with a focus on environmental sustainability and operational excellence.

The plant utilizes the innovative "Adiabatic Nitration" technology, provided by M/s KBR-Plinke GmbH, Germany. Renowned as the greenest available technology for nitration globally, this advanced system ensures efficient and environmentally friendly production processes. Additionally, we have integrated "Continuous Crystallization for PNCB," a pioneering solution supplied by M/s Sulzer Chemtech Ltd., Switzerland. This marks a significant milestone as the first implementation of its kind in India, promising unparalleled efficiency and product quality.

With these cutting-edge technologies in place, we are poised to deliver exceptional value to our diverse customer base. Our manufacturing facility is equipped to produce a wide range of high-quality specialty derivatives, catering to the unique needs of various industries. This strategic investment underscores our commitment to innovation, sustainability, and customer satisfaction.



BENZENE SPECIALITY DERIVATIVES, SAYKHA

The products to be produced at this facility include:

Sr. No.	Name of the Product	Accounting Unit	Annual Installed Capacity (TPA)
1	MCB (Mono Chlro Benzene)	MT	27000
2	DCB (Dichloro Benzene)	MT	2400
3	PNCB (Para Nitro Chloro Benzene)	MT	22500
4	ONCB (Ortho Nitro Chloro Benzene)	MT	12500
5	MNCB (Meta Nitro Chloro Benzene)	MT	360
6	Hydro Chloric Acid	MT	32000

In essence, our new manufacturing complex represents a significant leap forward in our capabilities, positioning us as a leading provider of Benzene Specialty Derivatives while setting new standards for excellence in the industry.

APPLICATIONS

The products within this product portfolio are utilized for:

- Pesticides and Agro Industries
 - Pharma and Pharma Intermediates
 - Specialty Chemicals
 - Dyes and Dyes Intermediates
- Pigments
 - Engineering Plastics
 - Rubber Chemicals.



CHLOR-ALKALI DIVISION

Bodal Chemicals Limited - Punjab stands at the forefront as a premier Chlor Alkali manufacturer in North India. Our manufacturing process relies on cutting-edge and environmentally friendly Membrane Cell Japanese Technology. This state-of-the-art technology enables precise control of key process parameters through a sophisticated Distributed Control System (DCS), ensuring optimal efficiency and safety throughout operations.

Every product manufactured adheres strictly to BIS standards, underscoring our commitment to quality and compliance. Additionally, our organization holds ISO 9001:2015 certification, a testament to our dedication to maintaining high standards of quality management.

Furthermore, we have been awarded the ISO 14001:2004 Environment Management System Certification by DNV under the accreditation of Dutch Council Accreditation (RvA) since July 3rd, 2006. This recognition underscores our unwavering commitment to environmental sustainability and responsible business practices.



CHLOR-ALKALI DIVISION, RAJPURA, PUNJAB

The products to be produced at this facility include:

Sr. No.	Name of the Product	Accounting Unit	Annual Installed Capacity (TPA)
1	Caustic Soda	MT	105000
2	Chlorine	MT	93030
3	HCL	MT	70000
4	Sodium Hypo Chlorite	MT	25350
5	Stable bleaching Powder (SBP)	MT	24000
6	Spent Sulphuric Acid	MT	2000
7	Hydrogen	NM3/10^6	2625

APPLICATIONS

- Used In Soap
 - Textile Rayon
 - Pulp and Paper Industries
 - Petroleum Refining
 - Detergents
 - Reclaiming Rubber
 - Pesticides
 - Herbicides
 - Refrigerants
 - Propellants
- Water Treatment
 - Bleaching
 - Whitening
 - Sterilisation
 - Disinfection
 - Environmental Hygiene
 - Water Purification
 - Carpet Industries
 - Soft Drink Bottling
 - Leather Industries
- Sugar Mill
 - Sodium Silicate
 - Dyes
 - Starch
 - Glucose
 - Gelatins
 - Steel Galvanising
 - Glass Industries.



SULPHUR & BULK CHEMICALS DIVISION

As a cornerstone of OUR STRATEGY, we are steadfast in our commitment to providing customers with a diverse array of products that are not only cost-effective but also of unparalleled quality. Central to achieving this objective is our rigorous control over raw materials, ensuring both quality and competitive pricing.

To realize our vision of customer satisfaction, we have undertaken a significant backward integration effort. This strategic move has enabled us to bolster our production capabilities and enhance our offerings. As part of this initiative, we produce a range of:

SULPHUR AND BULK CHEMICALS

Our investment includes the development of a modern, integrated, and energy-efficient complex dedicated to various sulphur-based products. This facility has been meticulously designed to meet the raw material requirements for Dye Intermediates, thereby ensuring a seamless supply chain. Moreover, in a move towards diversification, Bodal has expanded its capacities in these product categories, further solidifying our position in the bulk chemicals market.

Every product that leaves our facilities conforms rigorously to BIS standards, a testament to our unwavering commitment to quality assurance. Additionally, our organization proudly holds ISO 9001:2015 certification, underscoring our dedication to excellence in quality management.



SULPHUR & BULK CHEMICAL DIVISION, VADODARA

The products to be produced at this facility include:

Sr. No.	Name of the Product	Accounting Unit	Annual Installed Capacity (TPA)
1	Sulphuric Acid 98%	MT	17250
2	Sulphuric Acid 70%	MT	69000
3	Liquid Sulphur Trioxide (SO3)	MT	17250
4	Chloro Sulphonic Acid (CSA)	MT	51750
5	Oleum 65%	MT	25875
6	Oleum 23%	MT	69000

APPLICATIONS

These products are used in various applications as below.

- | | | |
|--|---|--|
| <ul style="list-style-type: none">• Dyes• Dyes Intermediates• Pharma Industries Agro Industries• Fertilizers• Organics Synthesis | <ul style="list-style-type: none">• In Iron and Steel Industry• Alum• Explosives• Rechargeable Batteries• Sulphonation / Sulphating | <ul style="list-style-type: none">• Chlorosulphonation• Nitration• Pigments• Resins, etc. |
|--|---|--|

Mr. Ankit Patel
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THIONYL CHLORIDE

In our pursuit to fortify our customer relations, we have introduced Thionyl Chloride into our product portfolio. This addition marks a significant enhancement to our offerings and is manufactured at the same complex where we house our ultra-modern manufacturing facility. This strategic decision not only expands the diversity of our product range but also underscores our commitment to leveraging advanced technology to meet evolving market demands. Thionyl Chloride, produced within this state-of-the-art facility, is poised to meet the highest standards of quality and reliability, further strengthening our position as a trusted provider in the industry.

PLANT PRODUCTION CAPACITY (ANNUAL)

Sr. No.	Product	Quantity (in MT)
1	Thionyl Chloride	40020

APPLICATIONS

- Pharma and Pharma Intermediates
- Agro Industries
- Dyes and Dyes Intermediates
- Speciality Chemicals etc.



THIONYL CHLORIDE, VADODARA

DYE INTERMEDIATES DIVISION



Founded in 1989, BODAL CHEMICALS aimed to provide essential raw materials for the global Dyestuff industry. Initially, the company began operations with a modest Vinyl Sulphone Plant in Vatva - Ahmedabad (Gujarat), starting with a capacity of 200 T.P.A. which has now expanded significantly to over 16200 T.P.A.

Initially focused on producing Vinyl Sulphone Ester (Acetanilide Base), BODAL later diversified its offerings to include more than 25 variants of Dye-Intermediates with Vinyl Sulphone (Acetanilide Base) as its core product. Their combined production capacity now stands at around 39000 T.P.A.

Over the past two decades, BODAL's R&D in Dye Intermediates has successfully developed various products catering to industries such as Textile, Leather, Paper, among others.

BODAL has made significant advancements in Dye Intermediates and related products since its inception. Despite starting small, the company has maintained a forward-thinking approach. Approximately 35% of their sales are exported worldwide, serving various multinational clients.

With a team of expert chemists and efficient workers, BODAL emphasizes innovation to meet evolving quality standards and customer demands, ensuring optimal product applications across diverse fields. Their customer-friendly approach has earned them a solid reputation.

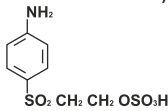
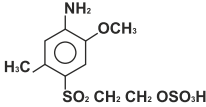
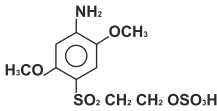
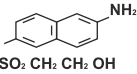
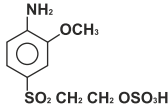
In addition to leading the domestic market, BODAL exports its products to countries including China, Korea, Thailand, Taiwan, Japan, and Europe, solidifying its position as India's largest manufacturer and exporter of Dye Intermediates.

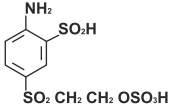
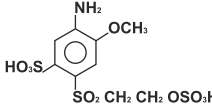
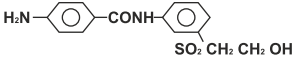
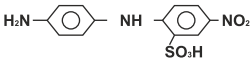
Building upon their expertise in Vinyl Sulphone Ester, BODAL ventured into forward integration, giving rise to the DYESTUFF Division. To enhance self-reliance and competitiveness, the company embarked on backward integration, leading to the inception of the BASIC CHEMICALS and SULPHUR PRODUCTS DIVISION.

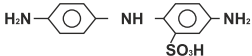
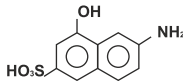
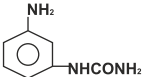
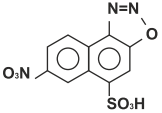
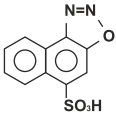
Mr. SURESH PATEL
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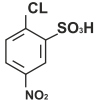
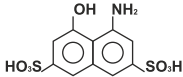
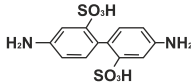
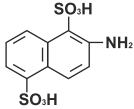
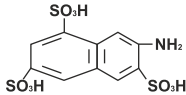
Mr. KULDIPSINGH RAJPUT
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DYE INTERMEDIATES DIVISION

PRODUCT RANGE	TECHNICAL SPECIFICATION	USES	INSTALLED CAPACITY PER ANNUM (IN MTS)
VINYL SULPHONE ESTER (ACETANILIDE PARABASE)  SYNONYMS : 1-AMINO-PHENYL-4-BETA HYDROXY ETHYL SULPHONE SULPHATE ESTER MOLECULAR WEIGHT : 281 CAS NO. : 2494-89-5	EMPIRICAL FORMULA : C ₈ H ₁₁ NO ₆ S ₂ PHYSICAL APPEARANCE : WHITE TO GREY COLOURED (DRY MATERIAL) PURITY (NITRITE VALUE) : 96.0% MINIMUM PURITY : 93% MINIMUM HYDROLYSIS VALUE : 93% MINIMUM INSOLUBLES IN WATER : 0.25% MAXIMUM	REACTIVE DYES TO NAME A FEW THE FOLLOWING : RE. RED 49, 106, 194, 195, 198 RE. BLUE 21, 38, 171, 194, 203 RE. GREEN 19, 19A RE YELLOW 42 RE. ORANGE 16, ORANGE GR (USED FOR BLACK-HFGR) RE. VIOLET 5, RE. BLACK 5 RE. BLACK N-150	16500
VINYL SULPHONE PARACRESIDINE BASE  SYNONYMS : 1-AMINO-2-METHOXY-5-METHYL BETA HYDROXY ETHYL SULPHONE SULPHATE ESTER MOLECULAR WEIGHT : 325 CAS NO. : 21635-69-8	EMPIRICAL FORMULA : C ₁₀ H ₁₀ NO ₆ S ₂ PHYSICAL APPEARANCE : OFF WHITE TO GREY POWDER PURITY (NITRITE VALUE) : 95.0% MINIMUM PURITY : 90% MINIMUM HYDROLYSIS VALUE : 90% MINIMUM INSOLUBLES IN WATER : <0.5% MAXIMUM	RE. YELLOW 15 & OTHER DYESTUFF	350
VINYL SULPHONE ESTER OF 2:5 DI METHOXY ANILINE  SYNONYMS : 4-AMINO-2:5 DI METHOXY PHENYL-BETA HYDROXY ETHYL SULPHONE SULPHATE ESTER MOLECULAR WEIGHT : 341 CAS NO. : 26672-24-2	EMPIRICAL FORMULA : C ₁₀ H ₁₀ O ₆ NS ₂ PHYSICAL APPEARANCE : GREYISH DRY POWDER PURITY (NITRITE VALUE) : 94.0% MINIMUM PURITY : 90% MINIMUM HYDROLYSIS VALUE : 90% MINIMUM INSOLUBLES IN WATER : <1.0% 2:5 D.M.A. : 0.50% MAXIMUM	RE. YELLOW 17 BLUE 28 BLACK 31 BLUE 203	250
BRONNER'S VINYL SULPHONE  SYNONYMS : 2-NAPHYL AMINE 6-BETA HYDROXY ETHYL SULPHONE MOLECULAR WEIGHT : 251 CAS NO. : 52218-35-6	EMPIRICAL FORMULA : C ₁₆ H ₁₆ NO ₃ S PHYSICAL APPEARANCE : LIGHT BROWN DRY POWDER PURITY (NITRITE VALUE) : 92.0% MINIMUM (MOL.WT.251) HYDROLYSIS VALUE : 90% MINIMUM INSOLUBLES IN WATER : 1.5% MAXIMUM	RE. RED 180	120
ORTHO ANISIDINE VINYL SULPHONE  SYNONYMS : 1-AMINO-2-METHOXY-4-BETA HYDROXY ETHYL SULPHONE SULPHATE ESTER MOLECULAR WEIGHT : 311 CAS NO. : 26672-22-0	EMPIRICAL FORMULA : C ₈ H ₁₀ NO ₆ S ₂ PHYSICAL APPEARANCE : WHITE TO GREY POWDER PURITY (NITRITE VALUE) : 95.0% MINIMUM PURITY : 90% MINIMUM HYDROLYSIS VALUE : 90% MINIMUM INSOLUBLES IN WATER : <0.50% MAXIMUM	RE. YELLOW 24, 145 RE. RED 23, 35, 207 RE. BLUE 172,160,89, 205 RE. BROWN 18 RE. VIOLET 4 RE. YELLOW 77	300

PRODUCT RANGE	TECHNICAL SPECIFICATION	USES	INSTALLED CAPACITY PER ANNUM (IN MTS)
SULPHO PARA VINYL SULPHONE  SYNONYMS : 3-SULPHONYL-4 AMINO PHENYL BETA HYDROXY ETHYL SULPHONE SULPHATE ESTER MOLECULAR WEIGHT : 361 CAS NO. : 42986-22-1	EMPIRICAL FORMULA : C ₈ H ₁₁ NO ₆ S ₃ PHYSICAL APPEARANCE : LIGHT BROWN COLOR MOST CAKE PURITY (INTRITE VALUE) : 68.0% MINIMUM INSOLUBLES IN WATER : 0.25% MAXIMUM	RE BLK WNN SUPER BLK G & R E.D. SERIES	2000
SULPHO ORTHO ANISIDINE VINYL SULPHONE  SYNONYMS : 5-SULPHONYL 1-AMINO 2-METHOXYPHENYL-BETA HYDROXY ETHYL SULPHONE SULPHATE ESTER MOLECULAR WEIGHT : 391 CAS NO. : 121-88-0	EMPIRICAL FORMULA : C ₈ H ₁₁ NO ₆ S ₃ PHYSICAL APPEARANCE : GRAYISH MOIST CAKE PURITY (INTRITE VALUE) : 50.0% MINIMUM PURITY : 50.0% MINIMUM INSOLUBLES IN WATER : 0.5% MAXIMUM	RE BLUE 220	
BENZANILIDE VINYL SULPHONE (G.N.BASE)  SYNONYMS : 4-AMINO BENAZANILIDE-3BETA HYDROXY ETHYL SULPHONE MOLECULAR WEIGHT : 320 CAS NO. : 66056-51-7	EMPIRICAL FORMULA : C ₁₅ H ₁₆ N ₂ O ₄ S PHYSICAL APPEARANCE : OFF WHITE PURITY (INTRITE VALUE) : 90.0% MINIMUM INSOLUBLES IN WATER : 1.0% MAXIMUM	RE RED 21	150
D.A.S.A.  SYNONYMS : 4:4 DIAMINO SULPHANILIDE MOLECULAR WEIGHT : 263 CAS NO. : 16803-97-7	EMPIRICAL FORMULA : C ₁₂ H ₁₁ N ₃ O ₂ S PHYSICAL APPEARANCE : LIGHT BROWN COLOURED DRY MATERIAL PURITY (INTRITE VALUE) : 95.0% MINIMUM (M.W.263) INSOLUBLES IN WATER : 0.2% MAXIMUM PURITY BY HPLC : 96.0% MINIMUM	DYESTUFF SPECIALLY FOR LEATHER DYES LIKE ACID BLK 210 ACID BLK 234	2500
4.N.A.D.P.S.A.  SYNONYMS : 4-NITRO-4-AMINO DIPHENYL AMINE 2-SULPHONIC ACID MOLECULAR WEIGHT : 309 CAS NO. : 96-67-31	EMPIRICAL FORMULA : C ₁₂ H ₁₁ N ₃ O ₅ S PHYSICAL APPEARANCE : GREENISH BROWN COLORED (MOIST / DRY MATERIAL) PURITY (INTRITE VALUE) : 68.0% MINIMUM (MOIST MATERIAL) (M.W.309) 90.0% MINIMUM (DRY MATERIAL) (M.W.309) INSOLUBLES IN WATER : SODIUM CARBONATE SOLUTION : 0.5% MAXIMUM	DYESTUFF ACID BROWNS	400

PRODUCT RANGE	TECHNICAL SPECIFICATION	USES	INSTALLED CAPACITY PER ANNUM (IN MTS)
F.C. ACID  SYNONYMS : 4:4-DIAMINO DI PHENYL AMINE-2-SULPHONIC ACID MOLECULAR WEIGHT : 279 CAS NO. : 119-70-0	EMPIRICAL FORMULA : C ₁₂ H ₁₃ N ₃ O ₃ S PHYSICAL APPEARANCE : BLUISH GREY COLOURED DRY MATERIAL PURITY (INTRITE VALUE) : 92.0% MINIMUM INSOLUBLES IN DILUTE SODIUM CARBONATE SOLUTION : 0.20% MAXIMUM PPD : <0.5% PCA : <100 PPM PNA : NIL PNCB : NIL PNCBOSA : NIL PCA3SA : <0.5% PURITY BY HPLC : 96.0% MINIMUM	DIRECT DYES, DIRECT BLACK 22, 168	1200
GAMMA ACID  SYNONYMS : 2-AMINO, 8-NAPHTHOL 6-SULPHONIC ACID MOLECULAR WEIGHT : 239 CAS NO. : 90-51-7	EMPIRICAL FORMULA : C ₁₀ H ₉ NO ₄ S PHYSICAL APPEARANCE : LIGHT GREY TO GREY COLOURED (DRY MATERIAL) PURITY (BY COUPLING VALUE) : 95.0% MINIMUM INSOLUBLES IN DILUTE SODIUM CARBONATE SOLUTION : 0.20% MAXIMUM BRONNER'S ACID : 1.0% MAXIMUM AMINO G-ACID : 0.5 MAXIMUM DIOXY G-ACID : <0.1% PUIRTY BY HPLC : 96% MINIMUM	DYESTUFF DIRECT BLK 22, 80 & REACTIVE ORANGE 3R	960
META UREIDO ANILINE  SYNONYMS : META AMINO PHENYL UREA MOLECULAR WEIGHT : 151 CAS NO. : 59690-8-9	EMPIRICAL FORMULA : C ₇ H ₉ N ₃ O STRENGTH BY NITRITE VALUE : 65.0% MINIMUM INSOLUBLES IN HOT WATER : 0.2% MAXIMUM MPD CONTENT : 0.3% MAXIMUM DIURIDO CONTENT : 3.0 MINIMUM	DYESTUFF REACTIVE YELLOWS	475
6-NITRO-1-DIAZO-2-NAPHTHOL 4-SULPHONIC ACID  SYNONYMS : 6-NITRO-1-DIAZO-2NAPHTHOL 4-SULPHONIC ACID MOLECULAR WEIGHT : 295 CAS NO. : 5366-84-7	EMPIRICAL FORMULA : C ₁₀ H ₆ O ₆ N ₂ S PHYSICAL APPEARANCE : YELLOWISH MOIST MATERIAL PUARITY TITANIUM VALUE : 70.0%MINIMUM INSOLUBLES IN WATER : 0.20% MAXIMUM 1:2:4 DIAZO CONTENT : 0.5% MAXIMUM 8 NITRO CONTENT : 4.0% MAXIMUM	CHROME DYES MORDANT BLACK 1, 11, RED 49, 1:1 ACID METAL COMPLEX DYES, BLACK 34, 52, 54, VIOLET 62, 2:1 ACID METAL COMPLEX DYES ACID BLACK 82, 124, 194 REACTIVE BLACK 1, DIRECT BLUE 185, RED 173	960
1:2:4 DIAZO  SYNONYMS : 1-DIAZO 2-NAPHTHOL 4-SULPHONIC ACID MOLECULAR WEIGHT : 250 CAS NO. : 4857-47-0	EMPIRICAL FORMULA : C ₁₀ H ₆ O ₄ N ₂ S PHYSICAL APPEARANCE : LIGHT YELLOWISH BROWN MATERIAL PUARITY TITANIUM VALUE : 80.0%MINIMUM INSOLUBLES IN WATER : 0.2% MAXIMUM	MORDANT BLACK 3, 17 RED 7, 1:1 METAL COMPLEX DYES, ACID BLUE 155, 158, 161 ACID RED 186, 201 1:2 METAL COMPLEX DYES, ACID BLUE 193, ACID VIOLET 90, 92	180

PRODUCT RANGE	TECHNICAL SPECIFICATION	USES	INSTALLED CAPACITY PER ANNUM (IN MTS)
P.N.C.B.O.S.A.  SYNONYMS : P-NITRO-CHLOROBENZANE ORTHO SULPHONIC ACID MOLECULAR WEIGHT : 237.5 CAS NO. : 946-30-5	EMPIRICAL FORMULA : C ₆ H ₄ O ₃ NSCl PURITY% : 65.0% TO 70% MINIMUM PHYSICAL APPEARANCE : LIGHT CREAM TO GREY COLOURED MATERIAL SOLUBILITY : SOLUBLE IN WATER ACIDITY AS H ₂ SO ₄ : 2% MAXIMUM PNCB CONTENT : 0.5% MAXIMUM	DYESTUFF	600
H. ACID  SYNONYMS : 1-AMINO : 8 NAPHTHOL 3:6 DISULPHONIC ACID MOLECULAR WEIGHT : 319 CAS NO. : 5460-09-3	EMPIRICAL FORMULA : C ₁₀ H ₆ O ₄ NS ₂ PHYSICAL APPEARANCE : GREYISH WHITE MATERIAL PURITY BY COUPLING VALUE : 80.0% MINIMUM CHROMOTROPIC ACID : LESS THAN 1.0% OMEGA ACID : LESS THAN 0.5% INSOLUBLES : 0.2% MAX	REACTIVE & ACID DYESTUFF	7200
B.D.S.A. (BENZEDINE DI SULPHONIC ACID)  SYNONYMS : 4:4 DIAMINO 2, 2 BIPHENYL DI SULPHONIC ACID MOLECULAR WEIGHT : 344 CAS NO. : 117-61-3	EMPIRICAL FORMULA : C ₁₂ H ₁₀ N ₂ O ₄ S PHYSICAL APPEARANCE : LIGHT YELLOW MATERIAL PURITY (NITRITE VALUE) : 75.0% MINIMUM (M.W. 344) PURITY BY HPLC : 98% MINIMUM INSOLUBLES IN DILUTE ALKALI : <0.20% SOLUBILITY : SOLUBLE IN ALKALINE SOLUTION	REACTIVE YELLOW 84 REACTIVE ORANGE 84 ACID RED 97 ACID YELLOW 42	600
SULPHO TOBIAS ACID (STA)  SYNONYMS : 2-NAPHTHYLAMINE-1 5-DISULPHONIC ACID MOLECULAR WEIGHT : 303 CAS NO. : 117-62-4	EMPIRICAL FORMULA : C ₁₀ H ₆ O ₆ NS ₂ PURITY (NITRITE VALUE) : 65.0% INSOLUBLE IN WATER : 0.10%	REACTIVE REDS	600
K - ACID  SYNONYMS : 2-NAPHTHYLAMINE-3:6:8 TRISULPHONIC ACID MOLECULAR WEIGHT : 383 CAS NO. : 118-03-6	EMPIRICAL FORMULA : C ₁₀ H ₆ NO ₅ S ₃ PHYSICAL APPEARANCE : DULL YELLOW COLOURED MOIST MATERIAL PURITY (NITRITE VALUE) : 67.0% MINIMUM (M.W.383) AMIDO G % : 0.50% MAXIMUM INSOLUBLES % : 0.50% MAXIMUM	REACTIVE YELLOWS	840

At the heart of Bodal Chemicals Ltd's Dyes Division lies a vision to redefine the standards of dye manufacturing through cutting-edge technology, eco-friendly practices, and customer-centric solutions. Committed to delivering superior products while minimizing environmental impact, the division tirelessly pursues innovation and operational efficiency.

The Dyes Division boasts a diverse portfolio of high-quality dyes catering to a spectrum of industries, including textiles, leather, paper and more, with the production capacity of 35000 MTS/ per year. Production capacity matrix is as under:

Name of the Product	Accounting Unit	Annual Installed Capacity (TPA)
Reactive Dyes	MT	15000
Acid Dyes	MT	8000
Direct Dyes	MT	2000
Liquid Dyes	MT	10000

With a robust global distribution network and a steadfast commitment to customer satisfaction, the Dyes Division of Bodal Chemicals Ltd serves clients across the globe with efficiency and reliability.

Driven by a profound sense of responsibility towards the environment and society, the Dyes Division prioritizes sustainability at every stage of its operations.

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FEATURES AND STRENGTH

- Spray Dryer - 12 with varying evaporation capacities ranging from 500 to 2000 liters per hour.
- 25 blenders with capacities ranging from 6000 to 12000 kgs, totaling a blending capacity of 125 MTS per day.
- Three F.B.C. BASE H.A.G. units with a cumulative capacity of 35 lac kl. cal. - 3 nos.
- In-house ice-plant producing 360 MTS per day for the dyestuff plant.
- 6 Evaporators for obtaining higher concentrated liquids for spray dryers.
- 12 R/O plants equipped with a total of 70 modules.
- On-line de-dusting and standardized system post spray drying.
- Dedicated packing area for various packing materials storage.
- Centralized raw material storage warehouse.
- Capability to pack and stuff 16 containers per day.
- Availability of a Pilot Plant for testing and development purposes.

CONSISTENCY AND ECONOMY

- In-house manufacturing of more than 175 Dyestuffs for Textiles, Leather & Paper.
- 80% Own-Raw material consumption for Dyestuffs.
- 60% Own-Raw material consumption for Dye Intermediates.
- 100 MT/ Day Dyestuffs production capacity.
- 125 MT/Day standardizing capacity.
- 150 MT/Day Packing & Dispatch capacity.
- Up to 2000 MT Raw material storage capacity in Dyes Plant.
- Up to 4500 MT Dyestuffs storage capacity.
- In-house ETP with capacity of 1.5 million liters/ Day.
- Ready Stock available in India & Worldwide.
- Eco Friendly Dyes.

TECHNICAL SERVICE LAB

At Bodal Chemicals, we boast a cutting-edge technical service lab dedicated to offering comprehensive technical support for our products and their application processes. Our lab conducts thorough studies on various fastness properties, providing customers with detailed information through shade cards and technical literature. This aids customers in selecting products that precisely meet their application, fastness, and economic requirements.

Our team of technical experts regularly visits customers to offer guidance on traits and technical information, assisting them in resolving application-related challenges. Additionally, we offer instant computer color matching recipes utilizing our extensive database of dyes tested on different substrates and application methods.

Furthermore, our trained team of chemists provides matching recipes for shades submitted by customers and assists them in identifying the most cost-effective matching recipes for our products.

R&D and QC LAB

At Bodal Chemicals Ltd, our unwavering commitment lies in delivering products that meet international quality standards. To ensure this, we operate three modern laboratories – one in Ahmedabad and two at our Padra plant – each equipped with state-of-the-art instruments and machinery. Qualified chemists meticulously evaluate both raw materials and finished goods through ISO-9001 compliant procedures, guaranteeing consistent adherence to all quality parameters.

Moreover, Bodal Chemicals Ltd boasts a contemporary R&D Lab staffed by a dedicated team of research chemists. Our R&D endeavors are focused on several key objectives:

- Enhancing production processes and minimizing environmental impact by reducing pollutants.
- Streamlining process times for increased efficiency.
- Elevating product quality standards.
- Innovating new eco-friendly products with enhanced economic value and superior fastness properties.

Prior to mass production, all newly developed products undergo rigorous evaluation in our application lab, where all relevant parameters are meticulously studied.

FACILITIES

- Pilot Plant For Lab Batches and R&D
- Laboratory RO Unit
- Lab Spray Dryer
- Vacuum Distillation Unit



TEXTILE RECIPE FINDER

Bodal's "Textile Recipe Finder" stands as a distinctive online shade library featuring over six thousand shades dyed with Bodactive Dyes. This innovative application offers instant access to the nearest recipe for any shade simply by inputting its RGB value. The database encompasses popular shades across a spectrum of cellulosic substrates including knits, woven fabrics, twills, yarns, rugs, and fibers.

Moreover, the application extends its utility by providing recipes for all Bantone shades achievable with Bodactive Dyes. Users can effortlessly obtain the recipe for any Bantone shade by selecting the corresponding shade number from the drop-down menu.

HOW TO USE:

- If you have any shade for which you want to find out nearest recipe from the library



- Scan the shade on your Spectro



- Find out RGB value of the shade



- Feed the RGB value in the shade search window



- Click search button

TEXTILE RECIPE FINDER

TEXTILE RECIPE FINDER

RGB Finder
FIND RECIPE THROUGH RGB VALUE

Bantone
FIND RECIPE THROUGH BANTONE NO.

FIND THROUGH RGB VALUE

FIND THROUGH RGB VALUE

RGB: 0 0 5
152 0 5
218 5 10

Tolerance: 5 5 10

DEMO SHADE

SEARCH

TEXTILE RECIPE FINDER

TEXTILE RECIPE FINDER

ROUGH BANTONE NO.

Bantone
FIND RECIPE THROUGH BANTONE NO.

FIND THROUGH BANTONE NUMBER

FIND RECIPE THROUGH BANTONE NO.

RGB Finder
FIND RECIPE THROUGH RGB VALUE

Bantone
FIND RECIPE THROUGH BANTONE NO.

11-0004 TPE

RECIPE REPORT

Shade Name	Product Name	Shade	Unit
11-0004 TPE	BODACTIVE YELLOW RLP	11-0004 TPE	%
11-0004 TPE	BODACTIVE RED RLP	11-0004 TPE	%
11-0004 TPE	BODACTIVE BLUE RLP	11-0004 TPE	%

OUR SUBSIDIARIES

Bodal Chemicals Ltd. distinguishes itself with 10 strategically located warehousing facilities across India, ensuring swift inventory management. Global expansion through subsidiaries in Turkey, China, Bangladesh, and Indonesia enhances international reach. These subsidiaries facilitate timely cross-border delivery, navigating complexities of global trade for seamless operations and enhanced customer satisfaction.

ADVANTAGES:

- Efficient inventory management with extensive warehousing in India and abroad.
- Blending facility in Turkey enhances production and market responsiveness.
- Prompt and effective response to market demand.
- Mitigation of supply chain risks through network and diversified operations.
- Cost efficiency through optimized logistics.
- Compliance with international customs and regulations.
- Flexibility to address seasonal demand and specialized requirements.
- Technical services supported by experienced staff.
- Serving textile, leather, paper, and water treatment industries with comprehensive solutions.

PT BODAL CHEMICALS INDONESIA

18 Office Park Lantai, 22 Suite E,F & GJI TB,
Simatupang Kav 18, Jakarta Selatan Dki
Jakarta - 12520 Indonesia.

Contact Person : Mr. Achmad Dahlan
Email ID : dahlan@bodal.com

BODAL CHEMICALS TRADING (SHIJIAZHUANG) CO. LTD.

Room 602, Building No 10, No.266, Tianshan
Street, High-tech Zone, Shijiazhuang - 050000
Hebei Province, China

Contact Person : Mr. Chen Jie {Ken}
Email ID : ken@bodal.com

SENER BOYA KIMYA TEKSTIL SAN. VE TIC. A.S.

Cay Mahallesi 6474, Cikmaz Sokak No: 2,4-5
Nolu Depolar, Akdeniz - 33010, Mersin,
Turkey.

Contact Person : Mr. Parthesh Trivedi
Email : parthesh@sen-er.com.tr

BODAL BANGLA LTD.

Village - Uja Para,Holding No D-47, Post
Office - Major, Police Station - Uttar Khan,
Dhaka - 1230, Bangladesh.

Contact Person : Mr. Shariful Islam
Email : bdlab@bodal.com

WAREHOUSES

AHMEDABAD

8, R.K. Estate, Behind Alfa Hotel, Aslali,
Ahmedabad, Gujarat-382427
Email ID : niraj.bhatt@bodal.com
Marketing Person : Mr. Niraj Bhatt

BHIWANDI

Godown No.1 And 2, A-15, Parasnath Complex,
Survey No.38/3, Ovali Road, Village-ovali Tehsil-bhiwandi,
Bhiwandi, Maharashtra- 421302
Email ID : bodalbhiwandi@bodal.com,
prashant@bodal.com, hanish@bodal.com
Marketing Person : Mr. Prashant Ghawale, Mr. Hanish Bhoir

KOLKATA

Ground Floor, Durgapur Expressway, Khalpar, P.o.-Dankuni
Col Complex, Ward No-9, Dist.-Hooghly, West Bengal- 712310
Email ID : bodalkolkata@bodal.com,
pallab@bodal.com
Marketing Person : Mr. Pallab Bhattacharjee

TIRUPUR

S. F. No.10/2, Manglam Road, Parapalayam-andipalayam,
Tirupur, Tamilnadu -641 604
Email ID : bodaltirupur@bodal.com,
muthu@bodal.com
Marketing Person : Mr. M.Muthuchamani

JETPUR

Ramji Mandir Road, Near Sardharpur Gate, Nr. Laxmi Hotel
Opp. Vivek Cement Agency, National Highway 27,
Navagadh, Jetpur 360370.
Email ID : kaushal.mehta@bodal.com,
urvish.mehta@bodal.com
Marketing Person : Mr. Kaushal Mehta, Mr. Urvish Mehta

LUDHIANA

Pearl', 425/1, Pearl- Oswal Road, Industrial Area-a,
Ludhiana, Punjab-141003.
Email ID : bodalludhiana@bodal.com,
aduggal@bodal.com,
gurminder@bodal.com
Marketing Person : Mr. Anil Duggal, Mr. Gurminder Singh

DELHI

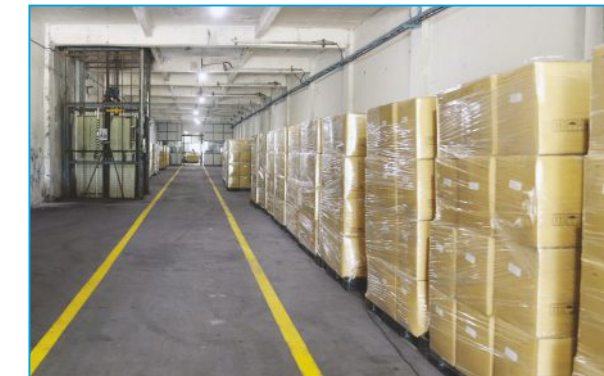
Bj No.2141, Kh No. 651/2, G/f H. No. 104,opp.
Palam Vihar Road, Village- Bijwasan New Delhi -110061 Delhi
Email ID : bodaldelhi@bodal.com,
aduggal@bodal.com,nitin@bodal.com,
Marketing Person : Mr. Anil Duggal, Mr. Nitin Gupta

BALOTRA

B-3, Godown No.1, Transport Nagar, Kher road,
Opp. Vandana Petrol Pump, Balotra - 344022.
Email ID : bodalbalotra@bodal.com,
aduggal@bodal.com, pkalla@bodal.com
Marketing Person : Mr. Anil Duggal, Mr. Phonix Kalla

JAIPUR

Gf H-8, Ricco Industrial Area, Mansarover,
Sanganer, Jaipur-302020.
Email ID : bodaljaipur@bodal.com,
aduggal@bodal.com, pkalla@bodal.com
Marketing Person : Mr. Anil Duggal, Mr. Phonix Kalla



REACTIVE DYES

REACTIVE DYES		
1	RE BLACK B	RE BLACK 5
2	RE BLACK N150	RE BLACK MIX
3	RE BLACK GSP	RE BLACK MIX
4	RE BLACK JJN	RE BLACK MIX
5	RE BLACK NNX	RE BLACK MIX
6	RE BLACK HFRL	RE BLACK MIX
7	RE BLACK HFGR	RE BLACK MIX
8	RE BLACK BNN	RE BLACK MIX
9	RE ULTRA BLACK CF-HC	RE BLACK MIX
10	RE ULTRA BLACK CFL	RE BLACK MIX
11	RE YELLOW GR	RE YELLOW 15
12	RE YELLOW FG	RE YELLOW 42
13	RE RED 5B	RE RED 35
14	RE RED BS	RE RED 111
15	RE RED RB	RE RED 198
16	RE RED RB	RE RED 198A
17	RE ORANGE 3R	RE ORANGE 16
18	RE TURQ BLUE G	RE BLUE 21
19	RE N.BLUE H3GLN	RE BLUE 203
20	RE BLUE BB	RE BLUE 220
21	RE N.BLUE RGB	RE BLUE 250
22	RE VIOLET 5R	RE VIOLET 5

BIFUNCTIONAL DYES		
1	RE YELLOW MERL	RE YELLOW 145
2	RE YELLOW ME4GL	RE YELLOW 186
3	RE RED ME4BL	RE RED 195
4	RE RED ME6BL	RE RED 250
5	RE ORNGE ME2RL	RE ORANGE 122
6	RE N BLUE BRF	RE BLUE 221
7	RE N.BLUE MEGRL	RE BLUE 222

H DYES		
1	RE YELLOW H4G	RE YELLOW 18
2	RE RED H2B	RE RED 24
3	RE RED H8B	RE RED 31
4	RE RED 6BX	RE RED 76
5	RE G YELLOW HR	RE ORANGE 12
6	RE ORANGE H2R	RE ORANGE 13
7	RE BLUE 5RH	RE BLUE 13
8	RE TURQ BLUE H5G	RE BLUE 25
9	RE BLUE H3G	RE BLUE 49

ACID DYES

ACID DYES		
1	ACID YELLOW 2G	ACID YELLOW 17
2	ACID YELLOW MR	ACID YELLOW 42
3	ACID YELLOW GR	ACID YELLOW 99
4	ACID YELLOW 5GN	ACID YELLOW 110
5	ACID YELLOW RGL	ACID YELLOW 116
6	ACID YELLOW TGL	ACID YELLOW 128
7	ACID GOLDEN YELLOW MR	ACID YELLOW 151
8	ACID YELLOW M3RL CO	ACID YELLOW 194 CO
9	ACID YELLOW M3RL CR	ACID YELLOW 194 CR
10	ACID YELLOW M5RL	ACID YELLOW 204
11	ACID YELLOW S-2G	ACID YELLOW 220
12	ACID YELLOW E5R	ACID ORANGE 3
13	ACID RED 10B	ACID VIOLET 54
14	ACID RED 2G	ACID RED 1
15	ACID RED B	ACID RED 14
16	ACID RED 3GX	ACID RED 57
17	ACID RED G	ACID RED 97
18	ACID RED 3BN	ACID RED 131
19	ACID RED F-2R	ACID RED 151
20	ACID RED 195	ACID RED 195
21	ACID RED 2B	ACID RED 249
22	ACID RED E-RM	ACID RED 266
23	ACID RED N-5BL	ACID RED 299
24	ACID RED FRL	ACID RED 337
25	ACID RED MBR	ACID RED 362
26	ACID RED 2B/8B	ACID RED 410
27	ACID MAROON V	ACID RED 119
28	ACID BORDEUX BL	ACID RED 182
29	ACID SCARLET MGL	ACID RED 357
30	ACID ORANGE II	ACID ORANGE 7
31	ACID ORANGE G	ACID ORANGE 10
32	ACID ORANGE RL	ACID ORANGE 74
33	ACID ORANGE GR	ACID ORANGE 86
34	ACID ORANGE MRL	ACID ORANGE 142
35	ACID ORANGE 3G	ACID ORANGE 156
36	ACID ORANGE SGR	ACID ORANGE 56
37	ACID BLUE S5R	ACID BLUE 113
38	ACID NAVY BLUE	ACID BLUE 193
39	ACID BLUE 25	ACID BLUE 25
40	ACID DARK GREEN B	ACID GREEN 20
41	ACID GREEN N	ACID GREEN 68
42	ACID OLIVE GREEN SGL	ACID GREEN 73
43	ACID OLIVE GREEN MBGL	ACID GREEN 104
44	ACID GREEN BS	ACID GREEN 111
45	ACID GREEN V	ACID GREEN 16
46	ACID VIOLET 4BS	ACID VIOLET 49
47	ACID BORDEUX MB	ACID VIOLET 90

ACID DYES		
48	ACID BROWN RD	ACID BROWN 14
49	ACID BROWN DS	ACID BROWN 58
50	ACID BROWN NR	ACID BROWN 75
51	ACID BROWN AT	ACID BROWN 83
52	ACID BROWN MFR	ACID BROWN 97
53	ACID BROWN 5G	ACID BROWN 98
54	ACID BROWN HEGT	ACID BROWN 106
55	ACID BROWN AFA	ACID BROWN 161
56	ACID BROWN NT	ACID BROWN 165
57	ACID BROWN TL	ACID BROWN 188
58	ACID BROWN SGR	ACID BROWN 282
59	ACID BROWN SR	ACID BROWN 348
60	ACID BROWN SG	ACID BROWN 349
61	ACID BROWN HBR	ACID BROWN 354
62	ACID BROWN MBR	ACID BROWN 355
63	ACID BROWN 2BL	ACID BROWN 360
64	ACID BROWN M2RL	ACID BROWN 365
65	ACID BROWN KN	ACID BROWN 402
66	ACID BROWN 2RL	ACID BROWN 425
67	ACID BROWN 3G	ACID BROWN 432
68	ACID BROWN 434	ACID BROWN 434
69	ACID BROWN BL	ACID BROWN 452
70	ACID BLACK 10BX	ACID BLACK 1
71	ACID BLACK WA	ACID BLACK 52
72	ACID BLACK SBL	ACID BLACK 107
73	ACID BLACK M-SR	ACID BLACK 172
74	ACID BLACK AB	ACID BLACK 210
75	ACID NIGROSINE	ACID BLACK 2
76	ACID BLACK NB-G	ACID BLACK 234
77	ACID BLACK MSRL	ACID BLACK 194

DIRECT DYES		
1	DI BLACK G	DI BLACK 19
2	DI BLACK A	DI BLACK 22
3	DI BLACK TOB	DI BLACK 80
4	DI BLACK BF	DI BLACK 155
5	DI BLACK SM	DI BLACK 168
6	DI BLACK GN	DI BLACK 170
7	DI BLACK E-SE	DI BLACK 179
8	DI RED F3B	DI RED 80
9	DI FAST RED 4B	DI RED 81
10	DI SCARLET 6BS	DI RED 239
11	DI ORANGE GR	DI ORANGE 34
12	DI ORANGE 3RL	DI ORANGE 37
13	DI ORANGE 2GL	DI ORANGE 39
14	DI TURQ BLUE G	DI BLUE 86
15	DI BLUE GRL	DI BLUE 199



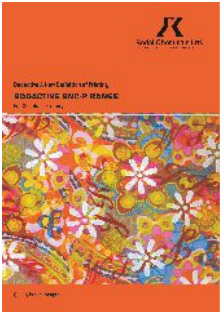
BNC Special Range



BNC-C Range



BH | ELF Range



BNC-P Range



Chemactive Range



Leather Dyes



Paper Dyes

BODACTIVE C RANGE



VS DYES		
01	Bodactive Yellow CG	
02	Bodactive Yellow CGR	
03	Bodactive Yellow CRN H/C	
04	Bodactive Golden Yellow CR	
05	Bodactive Orange C2R	
06	Bodactive Orange C3R	
07	Bodactive Red C5B	
08	Bodactive Red CRBL	
09	Bodactive Red CRB (New)	
10	Bodactive Red CBS	
11	Bodactive Violet C5R	
12	Bodactive Turquoise Blue CG	
13	Bodactive Turquoise Blue C2GP	
14	Bodactive Blue CR	
15	Bodactive Blue CBB	
16	Bodactive Blue C3R	
17	Bodactive Navy BG-I	
18	Bodactive Navy NB	
19	Bodactive Black CB 133%*	
20	Bodactive Black CB 150%*	
21	Bodactive Black CF-NC*	
22	Bodactive Black CRL*	
23	Bodactive Black NN*	

VS DYES		
24	Bodactive Black CNN*	
25	Bodactive Black CGS*	
26	Bodactive Black CJ*	
27	Bodactive Black CXL*	
28	Bodactive Black CJN*	
29	Bodactive Black CGDN*	
30	Bodactive Black PGR*	
31	Bodactive Black NNX*	
32	Bodactive Supra Black BNC*	
33	Bodactive Black NG*	
34	Bodactive Black NR*	
35	Bodactive Yellow BR	
36	Bodactive Red BR	
37	Bodactive Blue BR	
38	Bodactive Yellow GB	
39	Bodactive Orange GB	
40	Bodactive Red GB	
41	Bodactive Blue GB	
42	Bodactive Grey GB	
43	Bodactive Navy GB	
44	Bodactive Deep Black GB	
45	Bodactive Yellow CF-RGB	
46	Bodactive Ultra Carmine RGB	

BI-FUNCTIONAL DYES		
01	Bodactive Yellow C4GL	
02	Bodactive Yellow C	
03	Bodactive Yellow CF-S3R	
04	Bodactive Yellow CW	
05	Bodactive Yellow CF-3G	
06	Bodactive Orange C2RL	
07	Bodactive Orange BNC-RL	
08	Bodactive Red C2B	
09	Bodactive Red C	
10	Bodactive Red C H/C	
11	Bodactive Red CF-6B	
12	Bodactive Red P3BR	
13	Bodactive Red BXL	
14	Bodactive Deep Red CF-2B	
15	Bodactive Red CF-G	
16	Bodactive Sea Blue CG	
17	Bodactive Navy Blue C2RL	
18	Bodactive Navy C	
19	Bodactive Yellow BB-2D	
20	Bodactive Red BB-2D	
21	Bodactive Navy BB-2D	
22	Bodactive Yellow CF-RSFL	
23	Bodactive Red CF-RSFL	
24	Bodactive Blue CF-RSFL	

BNC P RANGE



BNC P RANGE		
01	Bodactive Yellow BNC-P6G	
02	Bodactive Yellow BNC-P4G	
03	Bodactive Golden Yellow BNC-PR	
04	Bodactive Orange BNC-P2R	
05	Bodactive Red BNC-P2B	
06	Bodactive Red BNC-P4B	
07	Bodactive Red BNC-6BX	
08	Bodactive Red BNC-P6B	
09	Bodactive Red BNC-P8B	
10	Bodactive Magenta BNC-PB	
11	Bodactive Purple BNC-P3R	
12	Bodactive Brown BNC-P2R	
13	Bodactive Blue BNC-P3R	
14	Bodactive Blue BNC-PGR	
15	Bodactive Blue BNC-P5R	
16	Bodactive Turquoise Blue BNC-P5G	
17	Bodactive Navy Blue BNC-PR	
18	Bodactive Black BNC-PN	
19	Bodactive Black BNC-PGR	

BODACTIVE
BNC AND
BNC SPECIAL RANGE



BODACTIVE BNC RANGE		
01	Bodactive Yellow BNC-GL	
02	Bodactive Yellow BNC	
03	Bodactive Orange BNC-RL	
04	Bodactive Red BNC	
05	Bodactive Red BNC-BS	
06	Bodactive Turquoise Blue BNC	
07	Bodactive Brilliant Blue BNC-R	
08	Bodactive Blue BNC	
09	Bodactive Navy Blue BNC 2G	
10	Bodactive Navy Blue BNC-GB	
11	Bodactive Navy BNC	
12	Bodactive Black BNC	
13	Bodactive Deep Black BNC	

BODACTIVE BNC SPECIAL RANGE		
01	Bodactive Yellow BNC-R Special	
02	Bodactive Deep Red BNC Special	
03	Bodactive Carmine BNC Special	
04	Bodactive Navy Blue BNC Special	
05	Bodactive Supra Black BNC Special	
06	Bodactive Jet Black BNC Special	

CHEMACTIVE RANGE



CHEMACTIVE RANGE		
01	Chemactive Yellow 3RF	
02	Chemactive Yellow SF	
03	Chemactive Yellow SN	
04	Chemactive Red S2B	
05	Chemactive Red SF	
06	Chemactive Red 3BF	
07	Chemactive Red DSB	
08	Chemazol Turq. Blue G	
09	Chemactive Blue BR-F	
10	Chemactive Navy Blue GG	
11	Chemactive Navy SF-P	



BODACTIVE
BH RANGE



BODACTIVE BH RANGE		
01	Bodactive Yellow BH	
02	Bodactive Ruby BH	
03	Bodactive Deep Red BH	
04	Bodactive Navy BH	
05	Bodactive Deep Night BH	
06	Bodactive Navy BH-I	
07	Bodactive Black BH-N	
08	Bodactive Super Black BH-G	
09	Bodactive Super Black BH-R	

BODACTIVE ELF Range (High Fastness Reactive dyes)		
01	Bodactive Yellow ELF	
02	Bodactive Red ELF	
03	Bodactive Red ELF HC	
04	Bodactive Blue ELF	
05	Bodactive Navy ELF	

PAPER DYES



ANIONIC - DIRECT DYES		
01	Direct Yellow 11	
02	Direct Orange 34	
03	Direct Orange 15	
04	Direct Orange 118	
05	Direct Red 239	
06	Direct Red 81	
07	Direct Red 254	
08	Direct Violet 35	
09	Direct Brown 44	
10	Direct Black 168	



BODALYN LEATHER DYES



BODALYN		
01	Yellow G	
02	Yellow GN	
03	Golden Yellow MR	
04	Orange MRL	
05	Orange PR	
06	Orange G	
07	Orange TW	
08	Red G	
09	Brilliant Red 28	
10	Scarlet MGL	
11	Rec A	
12	Red 3BN	
13	Maroon V	
14	Bordux MB	
15	Violet 4BS	
16	Violet 5B	

BODALYN		
17	Light Brown GN	
18	Brown NGB	
19	Brown GOL	
20	Brown AT	
21	Brown 2RL	
22	Brown HEGT	
23	Brown TL	
24	Brown RN	
25	Brown MFR	
26	Brown DS	
27	Brown SR	
28	Brown NR H/C	
29	Brown KN	
30	Brown 2BL	
31	Dark Brown B	
32	Brown SGR	

BODALYN		
33	Brown RL	
34	Brown NT	
35	Brown HBR	
36	Brown.MBR	
37	Olive Brown 5G	
38	Beige LF	
39	Beige RU	
40	Olive Green SGL	
41	Green BS	
42	Green N	
43	Green V	
44	Green M2GL	
45	Dark Green B	
46	Blue N	
47	Navy Blue S5R	
48	Black JBX	

BODALYN		
49	Gray GC	
50	Black NTC 160%	
51	Black NT	
52	Black NTC 135%	
53	Black 4TN	
54	Black EE-HC	
55	Black SNT 150%	
56	Black TD	
57	Black NTB	
58	Black TN Liq.	
59	Black MRN	
60	Black PRC	
61	Jet Black NBR 185%	
62	Black CC	
63	Black CN	
64	Black MSRL	



Bodal Chemicals Ltd produces Water Purification Chemicals – Trichloroisocyanuric Acid (TCCA 90). The 1st and the ONLY Company in India who is manufacturing this product. The compound is a disinfectant, algicide and bactericide mainly for swimming pools and dyestuffs, and is also used as a bleaching agent in the textile industry. It is widely used in civil sanitation for pools and spas, preventing and curing diseases in animal husbandry & fisheries, fruit & vegetable preservation, wastewater treatment, as an algicide for recycled water in industry and air conditioning, in anti-shrink treatment for woollens, for treating seeds and in organic chemical synthesis.

PRODUCT DESCRIPTION:

TCCA 90 serves as a disinfectant, algicide, and bactericide, catering to needs in swimming pools, dyestuffs, textile bleaching, civil sanitation, animal husbandry, fruit and vegetable preservation, and wastewater treatment.

- Bodal Chemicals Limited is EPA Certified Indian Company.
- State of Art production facility.
- Zero Effluent Discharge Chemical Production Plant.
- Production Plant at Khambhat, Gujarat, India.

Bodal Chemicals Limited has production capacity of

- 12000 MT per year of TCCA – 90%
- 2400 MT Per year of SDIC 60% (Upcoming)

With the proximity of the plant to the 3 ocean ports on the West Coast of India



WATER PURIFICATION DIVISION, KHAMBHAT

ADVANTAGES OF T.C.C.A.

- Stable in storage - long shelf life.
- Cost effective and stable source of chlorine
- Easy to handle, ship, store and apply. Save expensive cost of dosing equipment.
- Long duration of sterilizing effect
- Disinfection of civil sanitation and waste water
- Oxidizing microbiocide for cooling water systems
- Bleaching agent for cotton, gunning, and chemical fabric
- For animal husbandry and plant protection
- Anti-shrink agent for woollens and battery materials
- Deodorizer in distilleries
- Preservative in horticulture and aquaculture industries
- Power Plant Cooling Towers
- Disinfection of swimming pools
- Disinfection of industrial water

QUALITY CONTROL

Bodal Chemicals Ltd maintains stringent quality control measures throughout production, ensuring compliance with standards and customer satisfaction. Quality checks are conducted at different stages, with corrective actions implemented promptly.

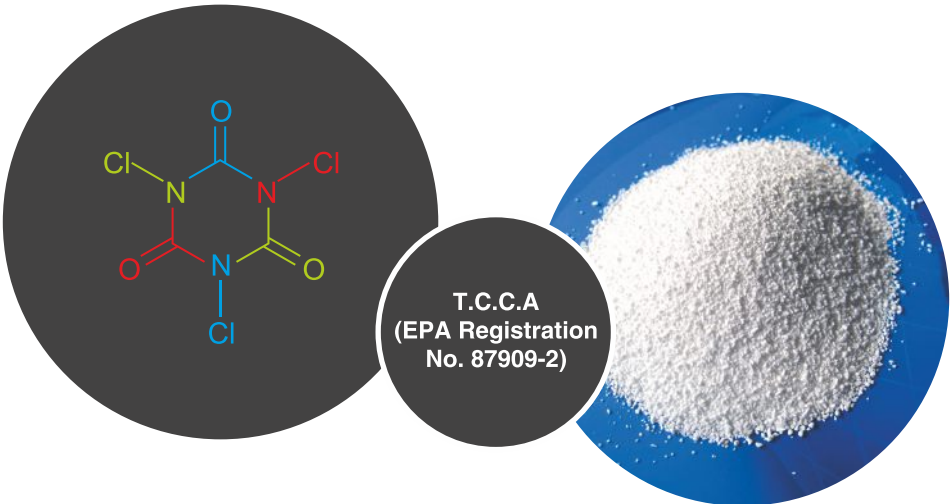
RESEARCH & DEVELOPMENT

The company allocates approximately 4% of its earnings annually to research and development endeavors. The R&D department focuses on innovating new products, enhancing existing ones, optimizing production processes, and minimizing waste.

WATER PURIFICATION DIVISION

TRICHLOROISOCYANURIC ACID [TCCA] - $C_3Cl_3N_3O_3$

The compound is used as disinfectant, algicide and bactericide mainly for swimming pools and Dyestuffs and is also used as a bleaching agent in the textile industry. It is widely used in civil sanitation for pools and spas, preventing and curing diseases in animal husbandry & fisheries, fruit & vegetable preservation, wastewater treatment, as an algicide for recycled water in industry and air conditioning, in anti shrink treatment for woolens, for treating seeds and in organic chemical synthesis.



T.C.C.A (EPA REGISTRATION NO. 87909-2)

Chemical Name	Trichloroisocyanuric Acid
Formula	$C_3Cl_3N_3O_3$
CAS Number	87-90-1
Molecular Weight	232.44
Appearance	White Powder, Granules or 200gm Tablets
Effective	Chlorine >90.0%
Moisture	0.5% max.

EXHIBITIONS

EXHIBITIONS WE'VE PARTICIPATED IN:

DYE+CHEM - DHAKA, BANGLADESH | DYE+CHEM - COLOMBO, SRI LANKA
ITMA - BARCELONA, SPAIN | CHINA INTERDYE - SHANGHAI, CHINA
ASIAN PAPER - BANGKOK, THAILAND
PAPER WEEK, MONTREAL, CANADA | PAPER ME, CAIRO, EGYPT
CAP INDIA MUMBAI, INDIA and many more...



A decade of experience collaborating with prominent companies across various industries.

LANXESS

 **OHYOUNG**

DyStar 


एन एफ एल
NFL


IndianOil


Shreyans
Group

 **BASF**
The Chemical Company

 **ARCHROMA**
LIFE ENHANCED


stahl


Nestle

 **RPL**
EVOLUTION IS CONSTANT

Arvind
FASHIONING POSSIBILITIES

 **RIFA**

HUNTSMAN
Enriching lives through innovation


TFL

adani
wilmar


Vardhman

 **WELSPUN INDIA**
Home Textiles


Everlight
Chemical


KISCO

CLARIANT 


GFL
GUJARAT FLUOROchemicals
VALUE THROUGH GREEN CHEMISTRY

ADITYA BIRLA

GRASIM


SRF

Setas
COLORCENTER

 **TRIDENT GROUP**
Being different is normal

 **SOLENIS**
Strong bonds. Trusted solutions.

kemira