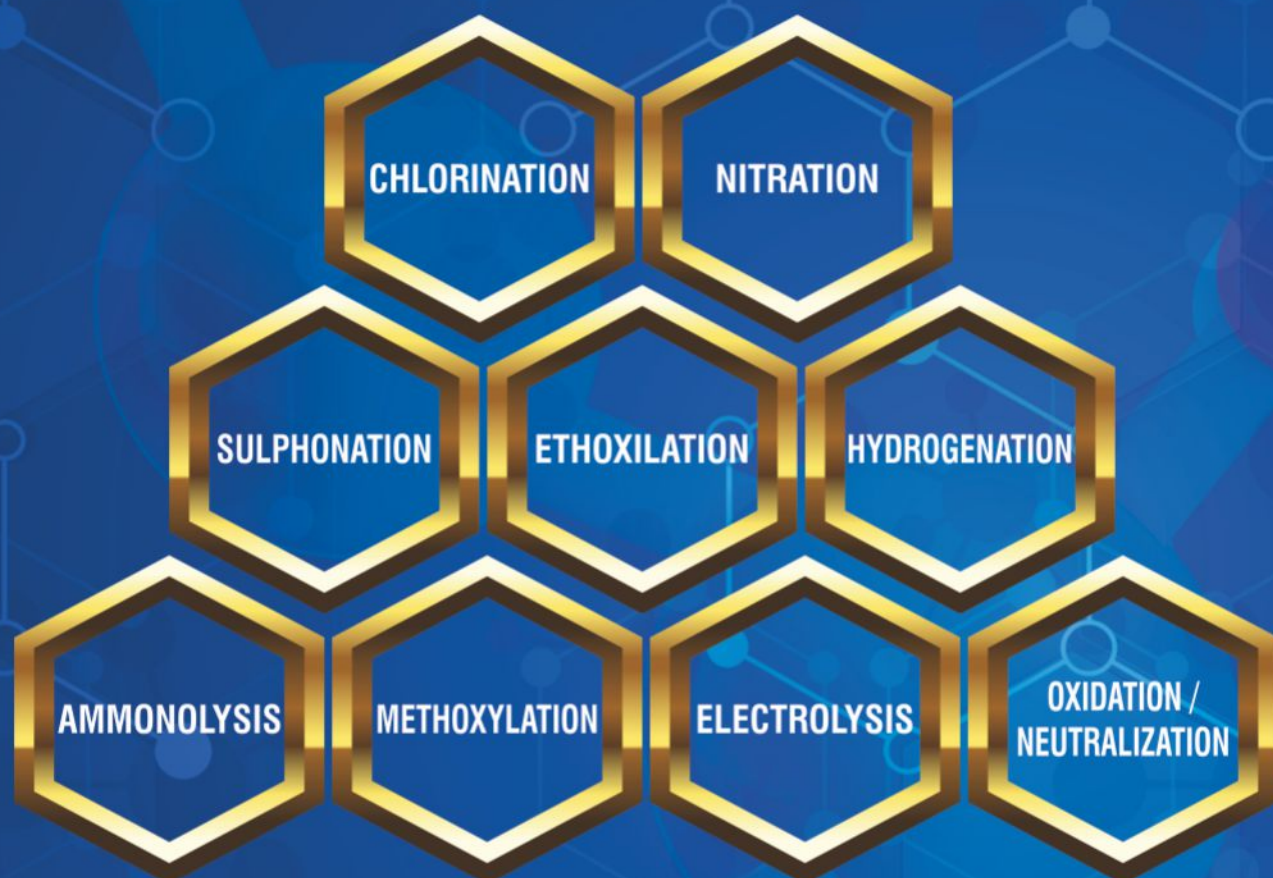


# Striving for Greater Excellence



**Kutch Chemical Industries Ltd.  
Panoli Intermediates (India) Pvt. Ltd.**

AN ISO 9001 : 2015, ISO 14001 : 2015 & ISO 45001 : 2018

Govt. Recognized Star Export House





In 1977, the chemical belt of Gujarat witnessed the birth of **Goyal Group of Industries**, that started as small plasticizer unit in Nandesari, near the industrial town of Vadodara. Today, it has evolved into one of India's leading manufacturer of Chlorination, Nitration, Sulphonation, Ethoxylation, Hydrogenation, Ammonolysis, Methoxylation, Electrolysis, Oxidation/ Neutralization processed products.

An emerging leader in the chemical market, the group caters to sectors like agrochemicals, pharmaceuticals, dyes, plasticizers, pigments, fuel additives and specialty chemicals, both domestically and internationally, with an annual turnover of over US \$ 350 million (2021-22).



#### **PANOLI INTERMEDIATES (INDIA) PVT. LTD. (PIIPL)**

**PIIPL** was set up in 1999, Jhagadia, Gujarat to capitalize on the proximity of nearby Chloro-alkali plants. Gaining easy access to its raw materials, chlorine and hydrogen, through direct pipelines has allowed PIIPL to become a market leader in manufacturing of chlorinated aromatic compounds & hydrogen based products.



#### **KUTCH CHEMICAL INDUSTRIES LTD. (KCIL)**

With an aim to focus on export market potential, **KCIL** was founded in 2004 in Gandhidham, near the international all weather ports, namely Kandla & Mundra. Today, it has developed into a well integrated chemical complex, consisting of Chlorination, Nitration, Sulphonation and Ethoxylation processed products. Currently, it is engaged in setting up of its first Nitric plant with capacity of 18,000 MTPA.



#### **CONSUMER FOCUS**

Our focus to adhere to global quality norms has allowed our products to be accepted internationally. All manufacturing units have dedicated Quality Control (QC) Systems, facilitated with well equipped labs, with advanced testing facilities and experienced professionals. Our plant has been successfully audited for TFS by DQS. We have built up the confidence with large & quality products with our customers of more than 35 countries across the Globe.



**MANUFACTURING UNITS**

  
**Kutch Chemical Industries Ltd.**  
 Gandhidham (Kutch)

  
**Panoli Intermediates (India) Pvt. Ltd.**  
 Plants at Jhagadia & Dahej (near Ankleshwar),  
 Nandesari (near Vadodara)

Processes / Capacities		
Sr. No.	Product Processes	Capacities
1.	Chlorination	3,00,000 MT/ Annum
2.	Nitration	1,60,000 MT/ Annum
3.	Sulphonation	5,40,000 MT/ Annum
4.	Ethoxylation	18,000 MT/ Annum
5.	Hydrogenation	20,000 MT/ Annum
6.	Ammonolysis	12,000 MT/ Annum
7.	Methoxylation	12,000 MT/ Annum
8.	Electrolysis	2,00,000 MT/ Annum
9.	Oxidation/Neutralization	60,000 MT/ Annum



## Chlorination Process

No.	Products	CAS No.	Purity	Packing Size
1	Chlorinated Paraffin	63449-39-8	52.00 / 45.00	250 Kgs HDPE Drum / Flexi Tank
2	Mono Chloro Benzene	108-90-7	99.95	ISO Container / MS-SS Tanker / MS-HDPE Drum
3	Ortho Dichloro Benzene	95-50-1	99.50 / 99.80	ISO Container, 250 kgs GI & HDPE Drum / Road Tanker
4	Para Dichloro Benzene	106-46-7	99.80 / 99.90	25-50 Kgs HDPE Bag with Liner
5	1-2-4 Tri Chloro Benzene	120-82-1	99.00	Tanker Load / 300 Kgs GI Drum
6	1-2-3 Tri Chloro Benzene	87-61-6	99.50	Tanker Load / 300 Kgs GI Drum
7	Thionyl Chloride	7719-09-7	99.60	300 Kgs Zink Coated MS Drum / Road Tanker / ISO Tank
8	Calcium Chloride Liquid	10043-52-4	35.00	Tanker Load
9	Calcium Chloride Granules	10043-52-4	94-96	1000 Kgs Jumbo Bag / 25-50 Kgs HDPE Bag
10	Calcium Chloride Fused	10043-52-4	72-75	1000 Kgs Jumbo Bag / 25-50 Kgs HDPE Bag
11	Calcium Chloride Powder	10043-52-4	94.00-96.00	1000 Kgs Jumbo Bag / 25-50 Kgs HDPE Bag
12	HCL 32 % - 34 % - 35 %	7647-01-0 -		250 Kgs HDPE Drum / Road Tanker / ISO Tank
13	HCL Virgin (Caustic)	7647-01-0	32.00	250 Kgs HDPE Drum / Road Tanker / ISO Tank
14	Meta Dichloro Benzene - 70%	63697-17-6 -		HDPE/ MS Drum , MS Tanker
15	Sodium Hypochlorite	7681-52-9 / 7778-54-3	130 GPL	Tanker Load
16	4 Chloro Butryl Chloride	4635-59-0	98.00	200 Kgs HDPE Drum
17	Pivaloyl Chloride	3282-30-2	95-98	250 Kgs HDPE Drum
18	Valeryl Chloride	638-29-9	98.00	250 Kgs HDPE Drum
19	Neodecanoyl Chloride	40292-82-8	98.00	250 Kgs HDPE Drum
20	2-Ethylhexanoyl Chloride	760-67-8	98.00	250 Kgs HDPE Drum
21	Isononanoyl Chloride	36727-29-4	99.00	250 Kgs HDPE Drum
22	Isobutyryl Chloride	79-30-1	98.00	250 Kgs HDPE Drum

## Ethoxylation Process

No.	Products	CAS No.	Purity	Packing Size
23	Vinyl Sulphone Ester	77-77-0	96.00	25 / 50 Kgs HDPE Bag / Jumbo Bag
24	VS Ortho Anisidine	10079-20-6	95.00	25 / 50 Kgs HDPE Bag / Jumbo Bag
25	Sulpho VS	42986-22-1	68.00	50 Kgs HDPE bag with Liner / Jumbo Bag
26	Sulpho OAVS	121-88-0	92.00	50 Kgs HDPE bag with Liner / Jumbo Bag

## Nitration Process

No.	Products	CAS No.	Purity	Packing Size
27	Nitro Benzene	98-95-3	99.80	ISO Tank / 250 Kgs HDPE Drum / Tanker
28	Para Nitro Chloro Benzene	100-00-5	99.50	50 Kgs HDPE bag with Liner, Jacketed Coil Tanker
29	Ortho Nitro Chloro Benzene	88-73-3	99.85	ISO Container / 250 Kgs MS Drum, Jacketed Coil Tanker
30	Meta Nitro Chloro Benzene	121-73-3	99.00	Jacketed Coil Tanker
31	Ortho Nitro Toluene	88-72-2	99.50	Tanker / 225 Kg GI Drum
32	Para Nitro Toluene	99-99-0	99.50	25 / 50 Kgs HDPE Bag, Jacketed Coil Tanker
33	Meta Nitro Toluene	108-44-1	99.50	225 Kg MS - GI Drum, Jacketed Coil Tanker
34	2 Ethylhexyl Nitrate	27247-96-7	99.50	ISO Tank / Tanker
35	2:4 Di Nitro Chloro Benzene	97-00-7	99.00	50 Kgs HDPE bag/ ISO Container / 600 Kgs Jumbo Bag
36	2:5 Di Chloro Nitro Benzene	89-61-2	99.60	50 Kgs HDPE bag with Liner
37	2:3 Di Chloro Nitro Benzene	3209-22-1	82.00	Tanker / ISO Tank
38	3:4 Di Chloro Nitro Benzene	99-54-7	99.60	300 Kgs MS Drum, Jacketed Coil Tanker

## Sulphonation Process

No.	Products	CAS No.	Purity	Packing Size
39	H Acid Dry Powder / Granules	90-20-0	80.00	25 Kgs HDPE Bag / Jumbo Bag
40	Dimethyl Sulphate	77-78-1	99.50	250 Kgs HDPE Drum / Road Tanker / ISO Tank
41	Chloro Sulphonic Acid	7790-94-5	98.00	ISO Tank / Road Tanker

## Ammonolysis Process

No.	Products	CAS No.	Purity	Packing Size
42	Para Nitro Aniline	100-01-6	99.50	50 Kgs HDPE Bag with Liner
43	Ortho Nitro Aniline	88-74-4	98.00	50 Kgs HDPE Bag with Liner

## Methoxilation Process

No.	Products	CAS No.	Purity	Packing Size
44	Ortho Nitro Anisole	91-23-6	99.50	Tanker / ISO Tank
45	Para Nitro Anisole	100-17-4	98.00	25 Kgs PP Bag

## Oxidation/ Neutralization Process

No.	Products	CAS No.	Purity	Packing Size
46	Sodium Nitrite Coated / Non Coated	7632-00-0	99.00	25 / 50 Kgs HDPE Bag / 500 Kg Jumbo Bag
47	Sodium Nitrate Coated / Non Coated	7631-99-4	99.00	25 / 50 Kgs HDPE Bag / 500 Kg Jumbo Bag



## Hydrogenation Process

No.	Products	CAS No.	Purity	Packing Size
48	Para Amino Phenol	123-30-8	99.50	25 Kgs HDPE Bag with Liner
49	Paracetamol	103-90-2	-	25 Kgs HDPE Bag with Liner
50	3:4 Di Chloro Aniline	95-76-1	99.50	25/50 Kgs HDPE Bag with Liner
51	2:3 Di Chloro Aniline	608-27-5	99.90	25/50 Kgs HDPE Bag with Liner
52	2:5 Di Chloro Aniline	95-82-9	99.50	25/50 Kgs HDPE Bag with Liner / Tanker
53	Ortho Anisidine	90-04-0	99.00	ISO Tank / Drum
54	Para Anisidine	104-94-9	98.00	50 Kgs HDPE Bag with Liner
55	Ortho Toludine	95-53-4	99.00	250 Kgs HDPE Drum
56	Para Toludine	106-49-0	99.60	250 Kgs HDPE Drum
57	Meta Toludine	108-44-1	99.00	250 Kgs HDPE Drum
58	M Phenylenediamine	108-45-2	99.00	25 Kgs HDPE Bag with Liner / 300 Kgs MS Drum
59	Aniline Oil	62-53-3	99.90	Tanker Load

## Electrolysis Process

No.	Products	CAS No.	Purity	Packing Size
60	Caustic Soda Lye	1310-73-2	48-50	Road Tanker
61	Caustic Soda Flakes	1310-73-2	99.00	50 Kgs HDPE Bag
62	Chlorine Liquid	7782-50-5	99.50	Tonner
63	Hydrogen Gas	1333-74-0	99.99	Tonner

## Sulphuric Bulk Division

No.	Products	CAS No.	Purity	Packing Size
64	Sodium Hydrosulphite	7775-14-6	85-89	50 Kgs HDPE Drum with Liner
65	Sodium Sulphate Anhydrous	7757-82-6	99.00	50 Kgs HDPE Drum with Liner
66	Sulphuric Acid 73 to 75%	7664-93-9	-	Tanker / Bulk Vessel
67	Sulphuric Acid 80%	7664-93-9	-	Tanker / Bulk Vessel
68	Sulphuric Acid 98%	7664-93-9	98.00	Tanker / Bulk Vessel
69	Sulphur Dioxide	7664-93-9	98.00	Tanker / Bulk Vessel
70	Sulphuric Trioxide	7446-11-9	99.00	Tanker / Bulk Vessel
71	Sulphuric Acid Spent 73%	7664-93-9	-	Tanker / Bulk Vessel
72	Oleum 23% - 30%	8014-95-7	-	Road Tanker / ISO Tank
73	Oleum 65%	8014-95-7	-	Road Tanker / ISO Tank
74	Acetanilide Flakes	103-84-4	99.00	50 Kgs HDPE Bag
75	Acetanilide Flakes OA	103-84-4	99.00	50 Kgs HDPE Bag
76	Red B. Base	92-52-9	99.50	50 Kgs HDPE Bag
77	Di Calcium Phosphate	7757-93-9	99.99	50 Kgs HDPE Bag
78	Gypsum Granules	13397-24-5	98.00	50 Kgs PP Bag



# A JOURNEY TOWARDS GROWTH



2021

Commissioned Second Plant of Sulphuric Acid with the capacity of 350,000 MT / Annum at Nandesari



2020

Commissioned First Plant of Sodaum Nitrite with the capacity of 40,000 MT / Annum and start for Pharma division 9000 MT / annum of PAP at Kutch



2019

Commissioned Caustic Chlorine Plant with the capacity of 250,000 MT / Annum at Kutch



2018

Commissioned Supluric Acid Plant (2,50,000 MTPA) and Thionyl Chloride Plant (50,000 MTPA) in Nandesari and started Di-Methyl Sulphate (24,000 MTPA) in Gandhidham



2015

Commissioned various Plants of H Acid, Ortho Nitro Anisole, Ortho Anisidine and Calcium Chloride (granular) in order to diversify



2013

Commissioned Plant for 2-Ethyl Hexyl Nitrate, with 40,000 MTPA capacity in Gandhidham



2011

Commissioned Plant to manufacture Thionyl Chloride with 50,000 MTPA capacity in Gandhidham



2009

As part of vertical integration strategy, commissioned facility of Hydrogenation based products in Jhagadia, which has been expanded to 20,000 MTPA



2006

As part of backward integration strategy, commissioned first Sulphuric Acid plant which has been expanded to 250,000 MTPA at Gandhidham



2004

KCIL was set up to cater to international demands by comissioning Nitration and Ethoxylation Plants



2002

As part of forward integration strategy, commissioned a unit to manufacture Nitro Chloro compounds in Nandesari, Vadodara



1999

Gained access to chlorine pipeline and thus, started manufacturing of Chlorinated Aromatic compounds in Jhagadia



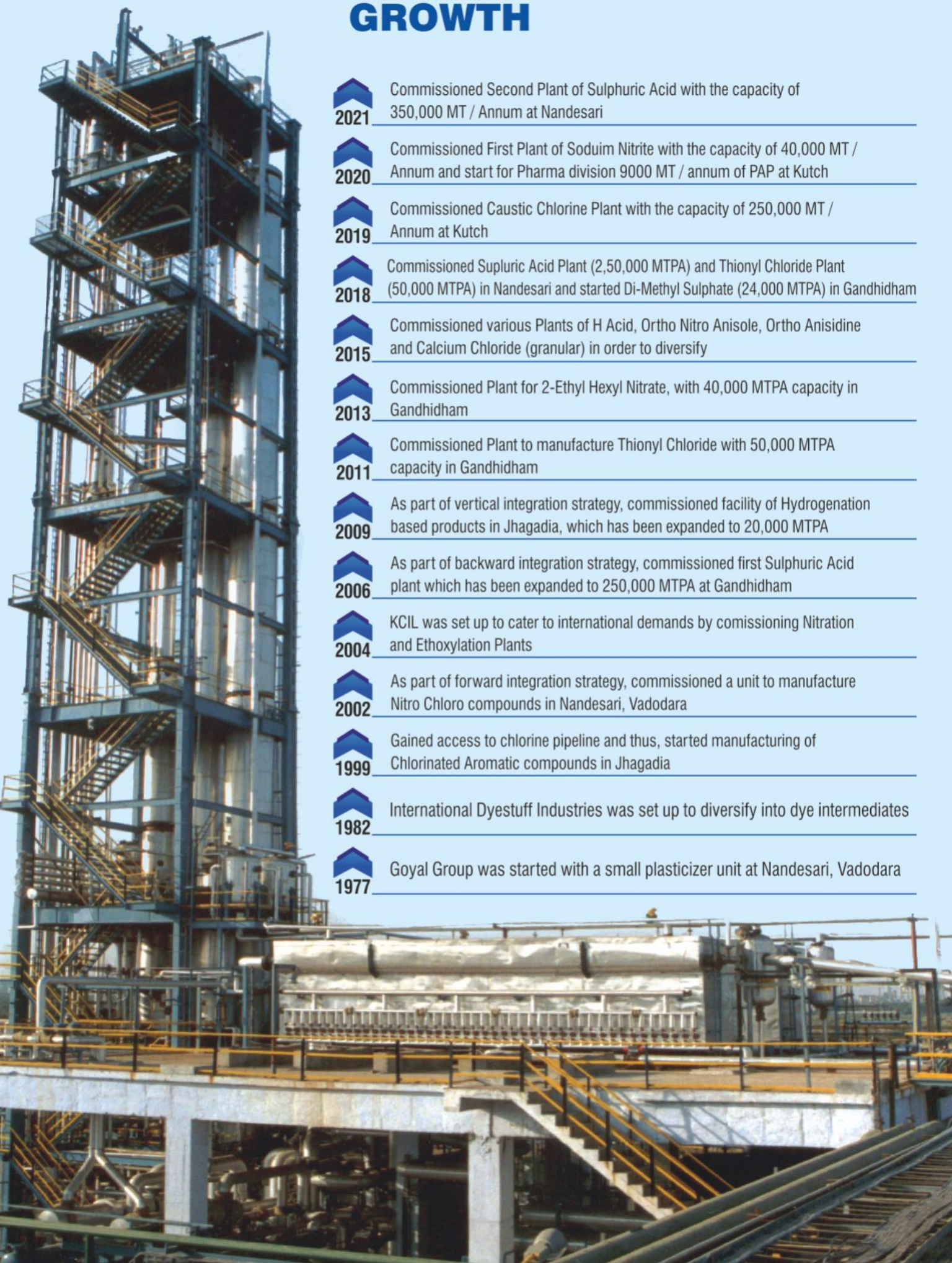
1982

International Dyestuff Industries was set up to diversify into dye intermediates



1977

Goyal Group was started with a small plasticizer unit at Nandesari, Vadodara







## ENVIRONMENT IS OUR PRIME CONCERN

Maintaining a clean environment is a commitment at the Goyal Group. All our units are strictly complying with guidelines of Pollution Control Board. The Jhagadia and Gandhidham plants are rated as 'Zero Discharge' units. Hydrochloric acid generated during Chlorination process is used to produce value added products namely Chloro Sulphonic Acid and Calcium Chloride.

At **Panoli Intermediates (India) Pvt. Ltd.** Natural Gas is used for power generation to replace Fossil Fuel based energy.

Our Sulphuric acid plants located at Gandhidham and Nandesari are set with advance technology whereby it generate more steam than conventional norm, which in turn used for Power Generation & process requirement of other plants.

The Multi Effect Evaporates are installed at Gandhidham, Nandesari & Jhagadia plant to recover water from liquid effluent and recycle back into the plant.

As a part of commitment towards the clean energy, **Windmill** of 5.5 MW and **Solar Plant** of 4 MW are installed.

### STRATEGIC LOCATION OF THE PLANTS



### UPCOMING PROJECTS





- ⬢ To Expand capacity of PAP Plant by 16,000 MT / Annum.
- ⬢ Setting up Nitric Acid Plant, having a capacity of 18,000 MT / Annum, Target Dec 2022.
- ⬢ Setting up Hydrogen Peroxide Plant, having a capacity of 45,000 MT / Annum, Target March 2023.
- ⬢ To Expand capacity of Caustic Chlorine Plant by 150,000 MT / Annum based on Thyssenkrupp (TKIS) technology, Target Dec 2023.
- ⬢ Setting up Solar Hybrid Project 15.4 MW & Solar Plant 5 MW.



# OUR PRESTIGIOUS CUSTOMERS

 ANUPAM RASAYAN INDIA LTD.	 ARCHROMA LIFE ENHANCED	 Atul	 We create chemistry
 BAYER	 Bharat Petroleum	 Clariant	 The Dyestuff Company
 covestro	 Dabur Calibrate Life	 Divis	 Everlight Chemical
 GHARDA CHEMICALS LIMITED	 GNFC	 GRANULES	 Enriching lives through innovation
 HP	 innospec specialty chemicals	 IOL	 IndianOil
 JUBILANT INGREVIA	 KCH KCH KISCHEMICALS Manufacturing & Mercantile LLC	 LANXESS Energizing Chemistry	 Lonza
 MOL	 NAYARA ENERGY	 PI Industries Ltd	 all about growing
 Reliance Industries Limited	 sojitz New way, New value	 SUMITOMO SHOJI CHEMICALS CO., LTD.	 Sri Krishna Pharma Trusted partners for life's journey
 Innovation by Chemistry	 Transpek reative Chemistry	 Vertellus Smart Chemistry. Our Specialty.	 WILLERT HOME PRODUCTS

## CSR PRESENCE

-  **Schools:** Providing Hygienic Food, Study Material Kit and Uniform in the remote areas.
-  **Hospitals:** Providing Medical Beds and Medicines to needful patients.
-  **Education:** Providing support to talented students for higher education.
-  **Drinking Water:** Facility provided in the remote areas.



**Kutch Chemical Industries Ltd.  
Panoli Intermediates (India) Pvt. Ltd.**



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