



SARNA

CHEMICALS PVT. LTD.

AN ISO -9001, 14001 & OHSAS 18001 CERTIFIED COMPANY

Registered Office Address :
Plot No. 805/ 2 & 3, III Phase, GIDC,
Vapi - 396195, Gujarat (India)

Ph.: 91 260 6544501 / 02 Ex 32

Fax : 91 260 2431538

EMAIL :- marketing@sarnachemicals.com

Web :- www.sarnachemicals.com



About Us

Sarna Chemicals Pvt Ltd (SCPL), is a Vapi based industrial organization, established in 1989. SCPL has two [ISO – 9001, ISO – 14001 & OHSAS 18001 certified](#) manufacturing sites which are located at Vapi, Gujarat. (150 Kms from Mumbai, India).

SCPL manufactures Chemical Intermediates catering to various industries viz Agrochemicals, Pharmaceuticals, Dyes, Pigments and Speciality Chemicals.



Introduction

- *SARNA CHEMICAL PVT. LTD. (SCPL) was established in the year 1989 by the UDCT Gold Medalist Mr. Savi S. Sarna who is a highly innovative technocrat and serving as the CMD of the company.*
- *Under Sarna group we have two manufacturing sites which are ISO-9001, ISO-14001 and OHSAS-18001 certified with high technology, trained and qualified manpower for handling hazardous chemicals to produce quality product in time. Sarna group is awarded the status of Export House in accordance with the provision of the Foreign Trade Policy of Ministry of Commerce and Industry, Government of India.*
- *The company is in manufacturing of specialized products which are synthesized by focusing on the customer's requirements with respect to quality parameters and critical impurity profiles. This is possible because of our ability to handle complex chemistry and state of the art technology in the plant*





SARNA CHEMICALS PVT. LTD.

- *Sarna Chemicals Pvt Ltd has 30 year of experience in providing toll manufacturing services to chemical markets specially dyes, pigments, agrochemicals & pharmaceutical. Our expertise is in providing fast and reliable engineering and manufacturing solutions for your immediate and long term requirements in specialty chemicals. We have experience at all scales from kilo lab to commercial plant projects.*
- *Typically we have two types of projects. Customers looking for extra capacity for an existing processes or customers with new processes looking for a place to do the scale up work, create product samples, and launch that product.*



About the Promoter

- *It is headed by one of the most recognized chemical technocrat **Shri S. S. Sarna.***
- *B.Sc (tech) gold medalist from UDCT, Mumbai*
- *Recipient of the Prestigious Technology award by UDCT Alumni Association*
- *Director of Vapi Green Enviro Limited.*
- *Chairman of Managing Committee of Haria Multipurpose School*
- *President of Vapi/Silvassa/Daman Punjabi Association*



Manufacturing Facilities

Sarna Chemical Pvt. Ltd – Unit-I

FACTORY FEATURES

- *Dedicated streams having unique multiple batch's operations*
- *Newly constructed in 2014 RCC , 4 storey plant with latest equipments and machinery.*
- *Gases, liquids as well as solid handling facility.*
- *Corrosive, Flammable and Toxic chemicals handling facility*
- *Capabilities in dry HCl generation facility as well other all reactions like reduction condensation etc.*



SARNA CHEMICALS PVT. LTD.



Sarna Chemical Pvt. Ltd – Unit-II

FACTORY FEATURES

- Multiple batch and continuous operations
- Gases, liquids as well as solid handling facility.
- Corrosive, Flammable and Toxic chemicals handling facility
- Capabilities in Catalytic, Pressure and Chlorination, Reactions.
- SIX Number Sulzer Packing continuous distillation column having Height of 40 Meter

SARNA CHEMICALS PVT. LTD.



Plants & Machinery

Sr. No.	Description	Range of Capacity	Nos.	Total Capacity (Litrs)
1	Glass lined Reactor	1 KL to 8 KL	15	81 KL
2	S. S. Reactor	2 KL to 12 KL	21	133 KL
3	M.S. Reactor	15 KL	2	30 KL
4	Tile lined Reactor	15 KL	2	30 KL
5	HDPE Reactor	10 KL to 15 KL	3	40 KL
6	Addition Tank M.S	1.5 KL to 2.5 KL	10	20 KL
7	Addition Tank S.S	1.5 KL	5	7.5 KL
8	Addition Tank GLR	1.5 KL	2	3.0 KL
9	Storage Tank MS/SS/HDPE	3 to 30 KL	40	530 KL
10	High Vacuum Distillation Units SS with SS Structured packing Pkd ht 4 to 5 mtrs.	2 KL	2	4 KL
11	MS Distillation Column with SS Structured Packing	8 MTR to 26.5 MTR PKD HEIGHT	7	




Plants & Machinery

Sr. No.	Description	Range of Capacity	Nos.	Total Capacity (Ltrs)
12	SS Distillation Column with SS Structured Packing	8 MTR PKD HEIGHT	1	
13	Rotary Vacuum Dryer	3 KL	1	3 KL
14	Fluidized Bed Dryer	250 kg	4	1000 kgs
15	Hydrogenation Auto clave SS 316 upto 20 kg pressure	6.5 KL	1	6.5 KL
16	Boiler(Upto 20 kg pressure)	3TPH to 7TPH	2	10 TPH
17	DG	500 KVA	3	1500 KVA
18	SS Flaker	200 kg/hr	1	200 kg/hr
19	C/F SS/MSRL (36"/48")	36 to 48"	8	
20	Cooling Tower	50TR to 500 TR	8	1700 TR
21	Chilling plant(-20 deg c to +5 deg c)	20 TR to 50 TR	5	180 TR
22	Static Shell and Tube Crystallizer	175 sq.m	2	350 sq.m
23	Nutshce	2 KL to 5 KL	8	31 KL



Plants & Machinery

Sr. No.	Description	Range of Capacity	Nos.	Total Capacity (Ltrs)
24	ANF SS 316	5 KL	1	5 KL
25	ANFD HASTELLOY C-22	5 KL	1	5 KL
26	Product Candle Filter	1.5 KL to 2.5 KL	12	25 KL
27	Vacuum Pumps MS/SS	Upto 700 mm hg	8	
28	Multistage Steam Jet Ejector GFT/SS	Upto 3-5 torr	10	
29	Coal Crushing Unit	for 7 tph boiler	1	
30	Air Compressor	60 CFM	4	240 CFM
31	Triple Effect Evaporator	50 KLD	1	50 KLD
32	ETP System		2	
33	Scrubber System HCL+S02		4	
34	Softner Plant	50 KLD to 200 KLD	3	300 KLD



QUALITY POLICY

“ We at SARNA Group Of Industries are engaged in manufacturing of different types of intermediates for Dyes & Chemicals , are committed to achieve Goals Through innovation Technique and Effective Utilities of Resources & upgrade the skills of the overall employees for Continual Improvement of Product Quality & Quality Management System with clear Focus on Customer Satisfaction”



Environment, Health and Safety Policy

- We the management of SARNA GROUP of Industries as a responsible manufacturer of intermediates for Dyes & Chemicals , is committed to take adequate precautions related to environment, health and safety in developing, manufacturing, storing, handling and distribution of both existing and new chemical products and in its business.
- It is our policy to provide a workplace free from accidents, injuries and exposure to hazardous chemicals; conserve natural resources and prevent pollution to protect the environment.
- Committed to prevent pollution. comply with relevant state, local and international environmental legislation & regulations.
- Continuous monitoring, evaluation and improvement of Environment, Health & Safety standards through R & D.
- Unsafe acts, conditions and practice strictly prohibited.

Environment Protection

- Primary and Secondary Treatment Plant For liquid effluent with defined segregation system based on TDS and COD
- We are operating the multi effect evaporator system for liquid effluent
- We are member industry of India's largest CETP. We are sending treated liquid effluent as per the norms directed by GPCB to CETP
- We are sending solid waste to TSDF



Safety

We have provided all necessary PPE to employees and keeping in plant for handling hazardous chemical. Or handling emergency situations

- Helmet
- Safety Goggles
- Safety Shoes
- Nose Mask and Face Mask
- Hand Gloves
- Online breathing Apparatus
- SCBA (Self content breathing apparatus)
- Safety Showers



Quality Control:

To Support The Production Activity We Are Having Well Equipped Quality Control Laboratory And Process Development Laboratory With Experienced & Qualified Personal.

We Are Having Instruments


- HPLC
- Gas Chromatograph
- UV- Spectrophotometer
- Melting Point Apparatus
- TDS Meter
- K.F Apparatus
- pH Meter



Quality Assurance

- Training Programs : Process Specific, Quality & Safety
 - Validated R.M. & Packaging Material Suppliers
 - Manufacturing Documentation & Records
-

Process Management

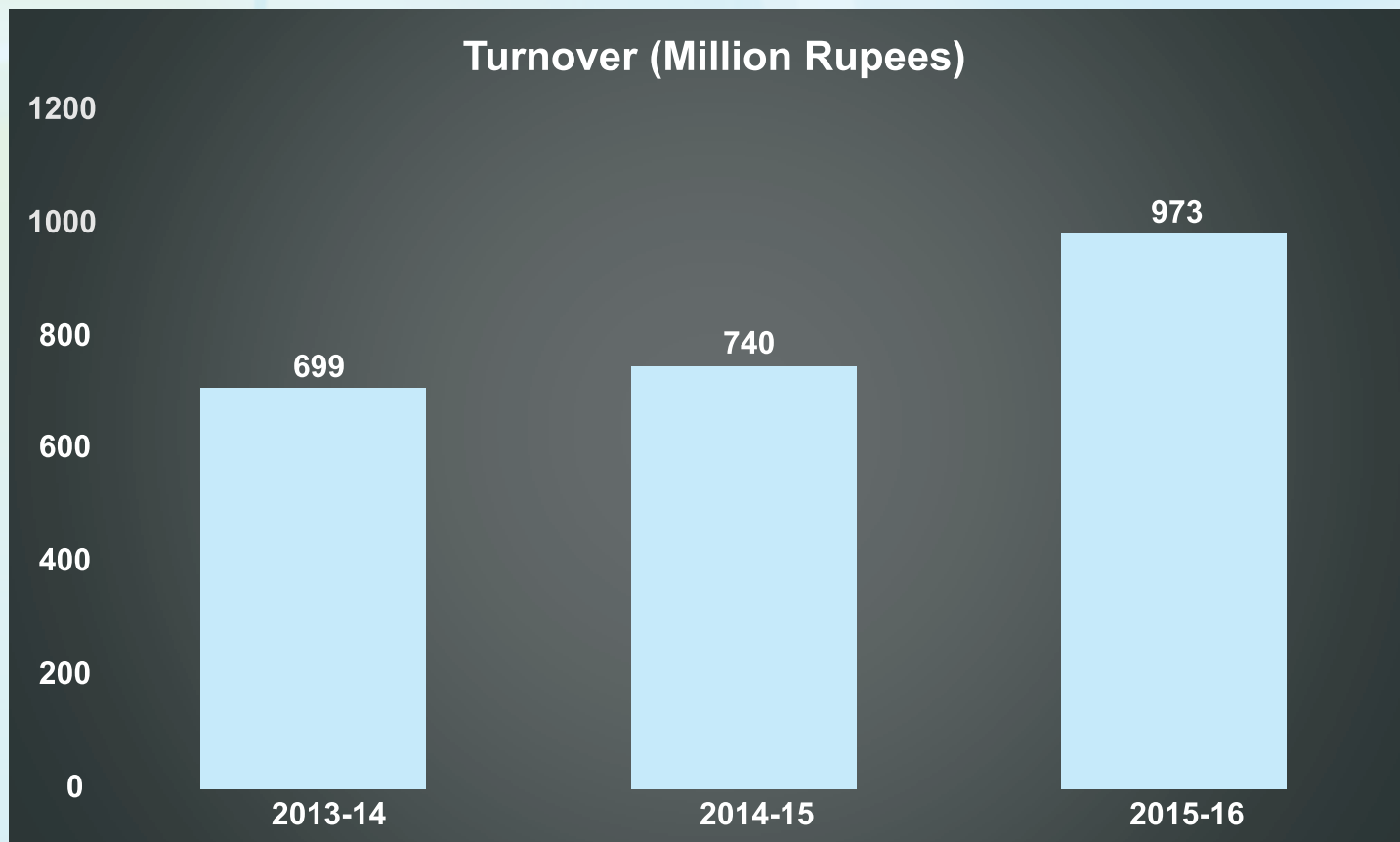
- Product Manuals SOPs and Log Sheets
 - Inspection of Inputs, Intermediates and Finished products
 - Throughput and Reliability
 - Trained Manpower
 - Process Safety
 - Waste Management and Treatment Innovations
- 

Core Technologies

We understand complex chemistry and operate following reaction

- Chlorination
- Condensation
- Oxidation
- Reduction
- Bromination
- Sulfatation
- Hydroxymethylation
- Oxychlorination
- Alkylation
- Acylation
- Amidination
- Trans esterification
- Sulfonation
- Amidation
- Methoxylation
- Diazotization
- Nitration
- Etherification
- Ammonolysis
- Sandmayers reaction
- Friedel crafts reaction
- Vilsmeier-Haack using DMF/POCL₃
- Bechamp reduction
- Ulmann reaction

Financial indicators



"SARNA GROUP" A TRUSTED PARTNER

HUNTSMAN
Enriching lives through innovation

Synthesisia
Chemistry for the future

DyStar
CABB

UPL



Cappelle

CLARIANT



Dominion Colour Corporation
Working Together for Quality®



- More than 10 products we are producing exclusively for the multinationals for which they have given the technical know-how and we have developed commercial production for them contractually.

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Thank You!





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LIST OF DYE INTERMEDIATES

SR. NO.	OUR PRODUCT	Product Full Name	C.A.S. No.	USE OF INTERMEDIATE
1	ADPS	2 Amino diphenyl sulfone	4273-98-7	Acid Yellow 246, 61 ,25 Acid Red 42
2	Bisphenol Ester	Bisphenol amino sulfonyl ester or Propane 2,2 Diphenyl-4, 4' Bis (2-Amino phenyl) 1-sulfonyloxy	68015-60-1	ACID YELLOW 79 Acid Red RLS 268 ACID RED 260
3	MCA	Meta Chloro Aniline	108-42-9	DISPERSE BROWN 1
				DISPERSE RED 5
4	CAPE	Amino Phenoxy Ester	88938-23-2	Acid Dye
5	MNBA	Meta Nitro Benzoic Acid	121-92-6	Dye Intermediate
6	MNBC	Meta Nitro Benzoyl Chloride	121-90-4	Dye Intermediate
7	OACMS	2-Amino-N-cyclohexyl-N-methyl benzenesulfonamide	70693-59-3 61931-22-4	Acid Red 57, Acid Red 361 Acid Yellow 361
8	OASE	2-Amino N Ethyl Benzenesulphonanilide	81-10-7	Acid Orange 160, Acid Orange 159, Acid Red 57, Acid Yellow 61





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LIST OF PIGMENT INTERMEDIATES

SR. NO.	NAME OF OUR PRODUCT	Product Full Name	C.A.S. No.	USE OF INTERMEDIATE
1	ADMT	2 Amino dimethyl terephthalate	5372-81-6	YELLOW 155
2	OPLAMINE/ MMTDCA	3-Amino-4-Carbomethoxy-2',5'-Dichloro Benzanilide	59673-82-4	RED 188
3	2,5 DCA	2,5 Di Chloro Aniline	95-82-9	RED 144
4	Chloro PPD	1,4-Diamino-2-chlorobenzene	615-66-7	RED 144
5	2,5 DCPPD	2,5-Dichloro-1, 4-phenylenediamine / 1,4 Diamino 2,5 di	20103-09-7	RED 214
				RED 221
6	Methyl Aminolone	5-Amino-6-methylbenzamidazolone	67014-36-2	Orange 64
7	5,6-Diaminobenzamidazolone	5,6-Diaminobenzamidazolone	55621-49-3	Yellow 192
8	PABA	PARA Amino Benzamide	2835-68-9	RED 170

