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Company Profile

Since its inception a century ago, Sajan India is committed to manufacturing products that speak for quality and reliability. With its initial venture into Textile and Jute, to a global venture in Chemicals since 1975, Sajan India has carved a niche for itself in the world of Chemicals.

With the advent of its state-of-art facility in 1997, in Ankleshwar (Gujarat) in Western India, Sajan India continues to steer ahead with the company’s success in manufacturing Speciality Chemicals and Intermediates.

Sajan India is committed to connecting, not just with a world class range of chemical intermediates, but with standards and services that help to forge strong, long lasting bonds with customers, worldwide.

Sajan India manufactures its products at a modern chemical complex in Ankleshwar which incorporates state-of-art technology and automated production, while setting high standards of operational safety and environmental protection.

It manufactures a range of speciality intermediates for applications in Agrochemicals, Pharmaceuticals, Dyes and Pigments.

It is also involved in Contract Manufacturing in which every project is based on close collaboration with customers. These partnerships with customers are based on high levels of service with emphasis on quality, confidentiality and timely delivery.
Mission Driven

Sajjan India's mission is to be a world class manufacturer and leader in the Chemical Industry. In its quest for perfection it follows:

- Stringent Quality Policy based on international standards
- A policy that harnesses the collective team effort
- Innovation with technology in manufacturing products

Cost Competitiveness

A powerful arrow in Sajjan India's quiver is its cost competitiveness. As a 100% Export Oriented Unit (E.O.U.), Sajjan India enjoys several advantages. No license/permit is required for importing raw material, machinery and packaging. And best of all, no duties apply for imported as well as domestically procured goods.

- Sajjan India uses cost-effective fuels and operates on captive gas-based power generation
- Owing to its strategic location, all raw materials, packaging goods and consumables are easily available within a 60 km radius. It's close proximity to Mumbai and the Nhava Sheva Port, enables speedy movement of goods
- These factors combine to create a unique cost - advantage for Sajjan India and its customers, worldwide.
Hi-end Technology

Sejian India has a state-of-art Manufacturing Complex at Ankleshwar. The plants are ISO-9001:2000 Certified. Sejian offers hi-end manufacturing capability that consists of 3 Plants, R&D Center and a Pilot Plant spread across 75,000 sq. mts.
Cutting Edge Technology
For Superior Control

The 3rd plant at Sajan India’s manufacturing site is a fully automated plant. This plant incorporates the latest in modern technology using a DCS system. It is computer-operated from a control room from where all parameters of the process are closely monitored and detailed reports are maintained.
Pilot Plant for Innovation & Customization

An integral feature of Sajan India's operations and its dedication to continuous innovation for greater customer satisfaction is its fully equipped Pilot Plant.

An independent unit located within the main manufacturing facility at Ankleshwar, the Pilot Plant carries out a range of complex chemical processes.

Pilot Plant's Features:

- Production capacity up to 2 MT/month
- Multi-purpose reactors of stainless steel and glass line with capacities ranging from 20 ltr. to 2000 ltr.
- High-pressure Reactors (up to 50 bar)
- Hydrogenators of up to 1250 ltr. and pressure up to 40 bar
- 200 ltr. Glass Assembly having fractionation column
- Fuming Cupboards
Core Reactions

- Ammonolysis
- Heterocyclic
- Catalytic Hydrogenation
- Polychlorination
- Chlorosulphonation
- Nitration
- Benzylolation

Reactions

- Acetylation
- Amination
- Benzoylation
- Bromination
- Diazotisation
- Sandmeyer Reaction
- Sulphonation
- Oxidation
- Bucherer Reaction
- Hydrolysis
- Hydroxylation
- Amide & Sulphonamide Condensation
- Borchamp & Sulphide Reduction
- Cyclisation
- Esterification
- Fusion
- Friedel – Craft Reaction
- Ullmann Condensation
- Condensation
Features of Manufacturing Plants:

Total Reactor Capacity: 3,700 m³.

- Size and Type of Reactors: 5 kl. to 30 kl. of various materials of construction such as Glass Lined, Graphite Lined, SS-316, Rubber Lined, Brick Lined, Cast Iron, Carbon Steel and Nickel Clad

- Agitated Pressure Nutsche filters cum dryers

- Fractionation & Distillation Columns: Flameproof CS and SS Columns up to 30 meters height

- Glass Assembly cum Fractionation Column

- High-pressure autoclaves up to 40 Bar

- Filters: Nutsche, Agitator Pressure Nutsche, Filter Press, Automatic Press Centrifuge Sparkler Filter

- Reaction Temperatures: -20°C to +220°C

- Dryers: Fluidized Bed, Rotocone, Rotary Vacuum, Spin Flash and Tray Dryer

- Blender Capacity fitted with Micro Pulverizer and Vitro Screen: 2 Mt.

- Utilities: Boiler: 12 Mt. / Hr., 17 Bar
  15 Mt. / Hr., 35 Bar
  Compressed Air: 800 CFM, 7 Bar
  Ice Flake Plant: 48 Mt. / Day
  Brine Chilling Plant: -20°C of 25 TR Capacity
  -20°C of 250 TR Capacity
  Water Chilling Plant: +5°C of 100 TR Capacity
  +5°C of 650 TR Capacity
  Captive Power Plant: 2 mw
A Passion for R&D, 24x7

The key to excellence in Product development is the close cooperation between R&D, Engineering and Production Teams.

Sajan India’s R&D, spread over 500 sq. m. in the Manufacturing Complex at Ankleshwar, consists of a team of 30 scientists and engineers. The R&D is supported by a well-equipped Instrument Lab.

Sajan’s R&D works round the clock to develop new products and achieve process optimization. It handles various chemical reactions involving complex chemistry and continuously strives to improve its range of Core Chemistry,

**R&D Facility Includes:**

- A qualified team of Scientists, Engineers and Chemists.
- Product development and scale from 5 gms. to 1000 gms.
- Autoclaves from 2 ltr. to 5 ltr. capacity, working temperature of 200°C and pressure up to 50 kg/cm².
Products & Contract Manufacturing

- **Products**

  Sajan India manufactures a large range of Speciality Intermediates including Pyrimidine and its derivatives which have applications in Agrochemicals, Dyes, Pigments and Pharmaceuticals.

- **Contract Manufacturing**

  Sajan India also offers manufacturing services and outsourcing solutions for leading international companies. Every project is based on close collaboration and interaction with customers. These manufacturing partnerships with customers are based on high levels of service with emphasis on quality, confidentiality and timely delivery.

  **Sajan’s strengths in manufacturing lie in:**

  - Combining integrated raw materials supply with its professional purchasing power
  - Handling hazardous and complex chemical reactions with a high degree of safety and efficiency
  - Well maintained and modern manufacturing complex in a chemical zone
  - Low cost without compromising on process and safety
Quality First, Last, and In Between

Quality is paramount at Sajan India and it is one of the reasons the Company has grown from strength to strength in the international market, even in the face of growing competition and stringent customer demands.

Sajan India has a strict and ever-vigilant system in place to monitor and oversee quality at regular stages throughout the process.

Some of the instruments & equipments installed for this purpose include:

- Atomic Absorption Spectrophotometer
- UV / VIS Spectrophotometer
- HPLC
- HPTLC
- Gas Chromatography
- Karl Fischer Titrators
- Auto Titrators
- Colour Matching Spectrophotometer
- Muller Machine
- Dositat Trio
- Dye Baths
- Padding Mangles
- Rapidager
- Jar Mill
- Launderometer
- Leather Dyeing Machine
Environment, Health & Safety

Sajjan India's concern for the environment begins at the process development stage. It believes that attention to minimizing the environmental impact of by-products and effluents arising from chemical manufacturing is as important as maximizing yields of the final products.

Environment

The Sajjan India facility is a zero-discharge unit. When it is technically feasible and without having to compromise on quality, recovered chemicals and water are recycled. When this is not possible, the waste products and effluents are disposed of in an efficient Incineration Plant. The liquid waste is collected, neutralized, filtered and concentrated in a multi-effect evaporator before it is incinerated. Solid wastes are stored in covered sheds and later disposed off at a Government approved disposal site. Gaseous emissions are controlled using scrubbers.

Being extremely eco-friendly, Sajjan India's concern for the environment doesn't stop at its own plant and processes. Its active participation in Wastewater Pipeline Project in collaboration with the State authority is testimony of its conviction towards environmental protection and preservation.

Health and Safety

At Sajjan India, the safety and health of its employees are of prime importance. Employees are provided with protective devices like breathing apparatus and gas masks. Complete medical facilities are provided and a fully equipped medical center and ambulance are available on-site. Firefighting equipments are placed at appropriate locations. Out of 1200 m$^3$ of available water reservoir, 500 m$^3$ is reserved for fire fighting. Alarm Systems and an Emergency Shutdown System have been provided for Plant safety.
Awards & Achievements

Sajjan India is committed to excellence of product and performance as well as to standards that continuously raise the bar. So when awards and recognition for its performance come its way, it only serves to spur it onto greater effort.

Sajjan India is a member of various Associations recognized by Government of India. It is a member of Chemicals, Pharmaceuticals and Cosmetics Export Promotion Council (CHEMEXCIL), The Federation of Indian Export Organizations (FIEO) and Dyestuffs Manufacturers Association of India (DMAI). Sajjan India continues to bring laurels to the country.

Achievements:
- Sajjan India rated amongst Top 500 Unlisted Companies in India
- Sajjan India received many awards for outstanding export performance from CHEMEXCIL, DMAI and FIEO.
Sajjan Group Of Companies

- Sajjan India Limited
- Sajjan Overseas Private Limited
- Agarwal Marketing Private Limited
- Om Intercontinental
- Priya Intercontinental

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