

Partners Beyond Products

- Specialty Chemicals & Intermediates
- Contract Research and Custom Synthesis
- Contract Manufacturing



- SRF Limited is a multi-business chemicals conglomerate engaged in the manufacturing of industrial and specialty intermediates with a turnover of ₹ 14,592 crore (US\$ 1.8 billion) in FY23.
- The Company exports its products to more than 90 countries.
- The Company has a strong workforce of close to 8,000 employees from diverse backgrounds.
- Equipped with state-of-the-art R&D facilities, the Company has applied for 406 patents. Till date, the Company has been granted one-hundred and thirty-two patents globally (March 31, 2023).

Our Diversified Business Portfolio

Specialty
Chemicals

Fluoro-
chemicals

Packaging
Films

Technical
Textiles



**Contract
Manufacturing:
Intermediates**

**Contract
Manufacturing:
Advanced
Intermediates**

**Products
Manufactured
In-house**

**Specialty
Chemicals
Business Offerings**

**Active
Ingredients
(Agro) & API
(Pharma)**



Specialty Chemicals Business

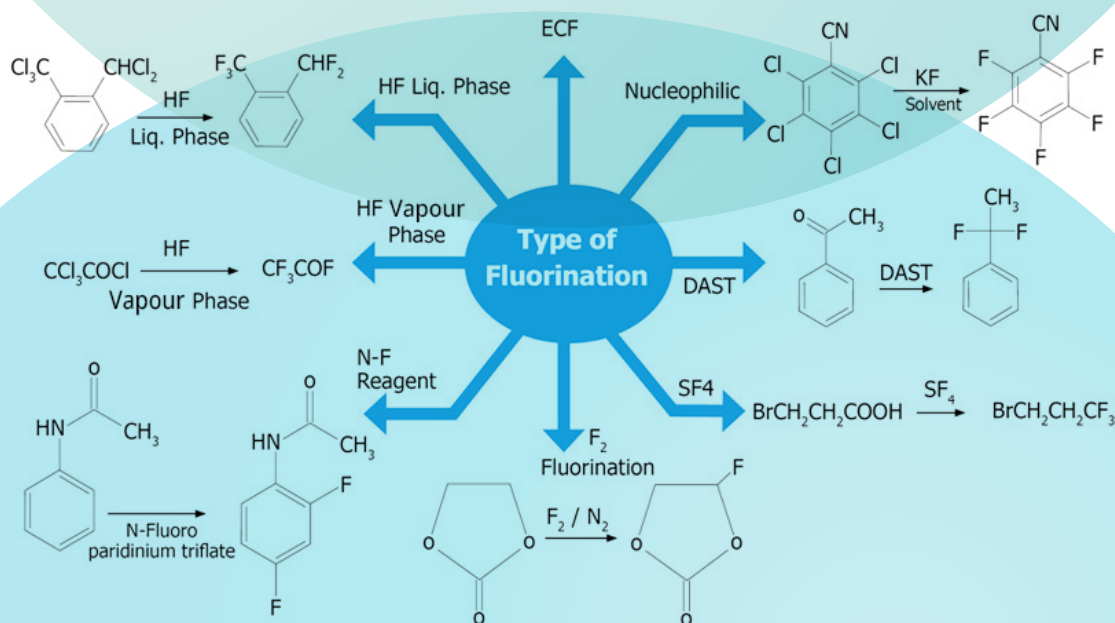
VALUE ADDITION BEYOND THE OBVIOUS

With more than 30 years of experience in Halogen chemistry, SRF's Specialty Chemicals Business commands an enviable reputation for its capabilities in the development and production of advanced intermediates for Agrochemicals, Pharmaceutical, Electronics and Performance Applications.

Building from our initial expertise in Fluorine chemistry and a deep knowledge in several platform chemistries, the Business now offers sustainable solutions to a variety of customer needs. To support this vision, SRF has invested substantially in people, assets and capability building; in turn creating expertise in a growing number of platform chemistries, in agile process development and rapid project implementation for specialty products.

Area of Expertise

EXPERTISE IN FLUORINATION CHEMISTRY



EXPERTISE IN OTHER CHEMISTRIES



Research and Development

**WE DON'T JUST FOLLOW CHEMISTRIES;
WE INNOVATE FOR FUTURE GENERATIONS.**



Driven by our state-of-the-art R&D labs, in-house plant design and project management teams, we have commercialised more than 50 molecules, with another 50 molecules at different stages of development and commercialisation.

We have more than 450 people currently engaged in R&D engineering, and scale-ups. SRF offers novel technology to many innovators of the world and ensuring strong Intellectual Property creation and protection.

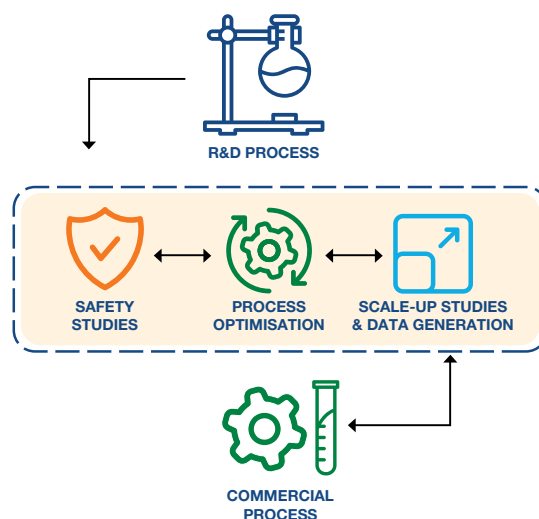
R&D Facilities:

- Analytical Lab
- Process Safety Lab
- Synthesis Lab
- Engineering Lab

Process Development, Engineering and Scale-Up

END-TO-END EXPERTISE

SRF provides an integrated service from research (process development) to kilo-scale synthesis to commercial scale supply. The in-house labs are also equipped with cutting-edge Safety & Scale-up Systems. The in-house engineering team has rich experience in the development and commercialisation of complex chemistry molecules with a strong focus on Environment, Health and Safety (EHS). A customer-centric focus provides the highest value to the customer while supporting them through the lifecycle of their products.



Pilot Plant

NURTURING SEEDS OF INNOVATION

The development work of new products and processes is well supported by state-of-the-art DCS-operated Pilot Plant. The plant is multi-purpose in nature and can handle Process Development work involving sub-atmospheric to high pressure (up to 50 kg/cm²) conditions over a wide range of temperature (-80 C to >350 C). The plant equipment includes a variety of Reactors, Distillation Columns, Heat Exchangers and related paraphernalia in various materials of construction.

Manufacturing & Technological Expertise

DRIVEN BY ECO-FRIENDLY POLICIES

At SRF, there is a strong focus on Operational Excellence that meets international standards across all manufacturing set-ups. In addition to ISO 9001:2015, the Specialty Chemicals facilities are also accredited with ISO 14001:2015 for international environmental management standards, ISO 45001:2018 for occupational health & safety management systems and meeting the requirements of SA 8000 for social accountability. At the organisation level, the Specialty Chemicals Business has been granted permission to use the Responsible Care Logo by the Indian Chemical Council (ICC). SRF is also the first chemical company in India to get ISO 14064 for Carbon Footprint Verification. The infrastructure for specialty chemicals includes more than twenty manufacturing facilities at its Chemical complexes in Rajasthan in northern India and at Dahej in Gujarat, in western India. These fully integrated complexes provide a strong competitive advantage to SRF to manage product development and industrial scale manufacturing from design to despatch to the customers. The complexes have state-of-the-art multiple dedicated and flexible manufacturing facilities capable of producing a broad range of specialty chemicals:

- cGMP equivalent facilities for Pharmaceutical intermediates
- Separate block for Agrochemical AIs and intermediates

SRF uses following key process equipment -

- SS316 Reactors
- Glass-lined Reactors
- Exotic MOC (Inconel, Monel, Hast-C, etc.) Reactors
- SS316 Distillation Columns
- Glass Distillation Columns
- Continuous Tubular Reactor
- S316 Agitated Nutsche Reactor
- SS316 Rotary Vacuum Paddle Dryers
- Centrifuges
- Tray Dryers
- High Pressure Autoclaves
- Electrical Oil-based Furnaces
- ATFD/WFE
- Clean rooms as per ISO Class 8 (150 sq.m area)

SRF has an effective quality assurance system which ensures the highest standards from sourcing the raw material to packaging of the finished goods. The production facilities have well-equipped Q&A Labs that are accredited with the National Accreditation Board for Testing and Calibration Laboratories (NABL), in alliance with International Laboratory Accreditation Co-operation (ILAC) to ensure the highest quality parameters for our customers.





SRF By Choice

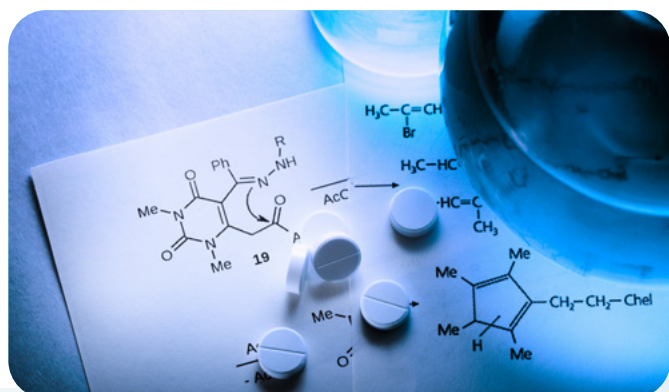
A variety of models are being followed to meet the specific needs of our customers:



Products
(Specialty Chemicals & Intermediates)



Collaborative Research & Manufacturing



Custom Synthesis



Contract Manufacturing

- SRF Credo - 'Partners Beyond Products'
- Experience of over 25 years in Fluorination Chemistry
- An excessive range of Fluorination technologies and products designed to suit customer requirements
- Supply of Fluorinated Fine Chemicals, used as intermediates and organic building blocks
- Most production processes are deeply backward integrated, offering unparalleled control over the supply chain
- A strong EHS orientation and deep commitment to Total Quality Management (TQM) principles and Corporate Social Responsibility, for substantial growth
- A promise of complete confidentiality, IP protection and transparency; in areas of custom synthesis and contract manufacturing
- Customer satisfaction delivered through strong systems-oriented approach



SRF

We always find a better way

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