

pulp and paper industry

SATOL DEFOAMERS

**SPECIALIZING IN INNOVATIVE DEFOAMER SOLUTIONS TAILORED FOR THE
PULP AND PAPER INDUSTRY**

Committed to delivering high-quality, effective solutions for foam control



+91 9594006803



www.satol.net

Leaders in Eco-Friendly Specialty
Cleaning Hygiene Solutions



Introduction of **SATOL CHEMICALS**

Since 1999, **Satol Chemicals** has been a trusted name in the manufacturing of **high-performance specialty chemicals**, serving a wide range of industries with advanced cleaning, hygiene, and process solutions.

With a **GMP-certified** and **FDA-approved** manufacturing facility at **Sarigam, Vapi (GIDC)**, we combine innovation, quality, and sustainability to meet the evolving needs of sectors such as **Industrial Cleaning, Institutional Care, Food Processing, Dairy, Beverage, Water Treatment, and Process Industries** — including Pulp and Paper.

25+

Years of excellence

With our Specialty Cleaning Hygiene Solutions in Industrial and Institutional Cleaning, we're committed to delivering impeccable performance while preserving cleanliness in an eco-friendly manner

foaming issues in industries

Foaming issues in Industries like..

Satol Chemicals understands the critical role of defoamers in manufacturing. Our expert formulations are tailored to address specific industry challenges, whether in paints, adhesives, textiles, fermentation, effluent treatment or beyond. With a commitment to quality, innovation, and sustainability, Satol Chemicals is your reliable partner in enhancing manufacturing efficiency and product excellence.



PAPER INDUSTRY

Micro and Macro foam formation in Paper industry –

Micro and macro foam formation in the paper industry is caused by air entrainment due to leaky seals on pumps, as well as chemicals like deinking agents, black-liquor carryover (in unbleached kraft operations), excessive rosin soap size, or saponified rosin acid emulsion size. Additionally, the formulations of various wet-end additives, including some biocides, tend to stabilize foams.

Foam is formed at –

- Paper Machine
- White water silo areas, just after the paper has been formed.

Foam formation leads to –

- pin-holes
- circular marks on the paper
- Reduced dewatering rates
- Unsightly foam
- Deposit problems related to foam buildup
- Loss of solid material due to overflow of foam from tanks and chests

Satol Chemicals provides solutions to process foaming problems

Foam is generated in most commercial processes, some of the most common process are Pulp & Paper, Food Process and Fermentation, Paints, Ink, Textiles, Waste Water Treatment etc.

We have various products as follows :

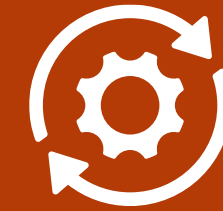
- Water Based
- Mineral Oil Based
- Silicon Oil Based
- Silicon Emulsion
- Powder Defoamer



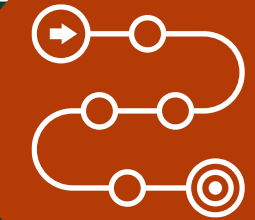
action point



**Identify Sources
of Foam**



**Optimize
Defoamer Usage**



**Process
Optimization**



**Monitor and
Test**



**Tailored
Solutions**



**Environmental
Compliance**

- Analyze air entrainment, chemical agents, and operational inefficiencies.
- Adjust dosages and select the right defoamer for specific foam challenges.
- Improve sealing systems, reduce air leaks, and enhance fluid flow.
- Implement regular testing and monitoring for foam control efficiency.
- Use specific defoamers for wet-end chemicals.
- Ensure defoamers meet regulatory and sustainability standards.

The main types of foam that occur

In the pulp & paper industry, different types of foam can be generated during processing, usually due to waste paper and mechanical agitation of fibers, chemicals, and water



Surface Foam

Forms on the surface of liquid pools or tanks due to mechanical agitation or air entrainment.



Entrained Foam

Air bubbles become trapped within the liquid pulp suspension.



Mechanical Foam

Foam generated from mechanical agitation of the slurry in various stages, especially during pulping or stock preparation.

SELECTION GUIDE

SATOL offers various types of defoamers to suit your application type

DEFOAMERS FOR PULP AND PAPER INDUSTRY							
Product Name		Product Type		Pulping	Paper Machine	Effluent	Coating
	Water based	Silicone	Non-Silicone				
SATOL DF 695	●			●			
SATOL DF 099		●		●			
SATOL DKW			●		●	●	●
SATOL SG 30		●			●	●	
SATOL NXZ	●		●	●	●		
SATOL SD 30		●		●			●
SATOL SD 20		●		●			●
SATOL AF	●		●				
SATOL AF II		●	●			●	
SATOL NSDL			●	●		●	●

**For Your Foaming Problems, We Have Solutions!
Experience a Hassle-Free Process with Satol Chemicals.**

**CONTACT US
TODAY!**

Defoamers for Pulp & Paper Industry

SATOL CHEMICAL LTD

Thank You

We appreciate your time and interest in our Defoamers and Antifoaming Products. We are committed to providing innovative solutions that meet your needs.

For further inquiries or to discuss how our products can benefit your operations, please don't hesitate to reach out.



**Clear Solutions for a
Foam-Free Future.**



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Satol Chemicals (P) Ltd