



SUGAR INDUSTRY

C H E M I C A L S

*Sweetening the World with Science &
Technical Excellence.*

*Catalyst ensures its Quality by introducing
its best Sugar Industry Chemicals*

CATALYST

The power of Chemistry

CATALYST is the most trusted brand in Specialty Chemicals with its expertise in providing Quality Chemical solutions in Water Treatment, Sugar Industry, Oil Field, Mining, Power Generation and Geothermal drilling sectors for over Four Decades.

Sugar Industry Chemicals

The sugar industry relies on various chemicals to optimize production processes, enhance product quality, and ensure efficiency. These chemicals play a crucial role in the extraction, purification, crystallization, and preservation of sugar. They help to maintain the desired characteristics of sugar while improving its shelf life.

With the most advanced technology and our cutting edge expertise, Catalyst Speciality Chemicals Ltd manufactures a wide range of Sugar Industry Chemicals, from Flocculants, Antifoaming agents, Clarifying agents, Mill Sanitization agents, Color precipitating agents to Anti-caking agents and Preservatives.

“Catalyst is been known for its commitment towards safety and quality, and therefore, all products stand out with best-known features and manufactured according to the best environment and human safety practices. Its Products has been designed to help its clients eliminate inefficiencies in its processes and to assist them in meeting operational objectives with environmental compliance obligations”



PRODUCTS

MILL SANITIZATION BIOCIDES

CACIDE-S900	CACIDE-S900 is a Specially formulated Sodium Carbamate based Mill Sanitization Biocide which is used to control the biological growth in sugar cane mill and juice extract. Very effective in controlling sucrose loss.
CACIDE-S901	CACIDE-S901 is a Quaternary Ammonium based biocide compound used in sugar process, which effectively prevents microbial growth and controls slime formation and bad odour. A specially developed compound for improved sanitization & hygiene in sugar mills and juice extracts.
CACIDE-S902	CACIDE-S902 is a special blend of Potassium Carbamate used in Mill sanitization. Effectively controls bacteria like leucon stoc and in turn prevents sucrose loss in the juice.

FLOCCULANTS

CAFLOC-S100	CAFLOC-S100 is a high quality flocculant and has a high molecular weight anionic water soluble powder polymer. Juice clarification is a most important part in sugar process. Use of CAFLOC-S100 can results in high performance of filtrate, juice, syrup and melt clarifiers.
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PRODUCTS

SCALE INHIBITORS / ANTISCALANTS

CT-SCALO 200

CT-SCALO-200 is a specific formulated Antiscalant for Reverse Osmosis Membrane effective in controlling deposition of inorganic scales

CT-SCALO 300

CT-SCALO-300 is a highly effective Polyacrylate antiscalant which prevents formation of scales inside evaporator tubes. It can prevent Deposits such as calcium salts of carbonates, sulphates, oxalates and silicates in sugar processing

VISCOSITY REDUCER

CTS-VR 700

CTS-VR 700 is a polymer based viscosity reducer which can enhance the exhaustibility of Masseccuite. This in return will increase circulation of low grade masseccuite, resulting in greater fluidity and reduces the boiling time. It improves boiling efficiency, crystallization, centrifugation and exhaustion of molasses which results in improved sugar recovery

DEFOAMER

DEFOAM-170

DEFOAM-170 is an environmentally safe, non silicon, non mineral oil based anti foam formulation used in sugar processing, which exhibits excellent defoaming results results in high end sugar and liquor recoveries

DEFOAM-SIL

DEFOAM SIL is a non-ionic, aqueous emulsion of polydimethylsiloxane defoamer. It is a general purpose, low cost defoamer. It is used to prevention, elimination and control of foam in all aqueous systems

PRODUCTS

COLOR PRECIPITANTS

CT-CP90

CT-CP90 is a specialty polymer to improve sugar color during the clarification process. A special formulation of Poly DADMAC & Polyamine with Cationic properties. It reduces ash content of the juice in turn gives clarity to the sugar juice.

MUD SETTLING AGENT

MSA-S200

MSA-S200 is a coagulant that separates suspended solids from sugar juice extracts in a clarifier. It is very efficient in clarification, it improves mud filtration and increases throughput



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