



PROMINENCE
FINESCENCE PVT LTD



Manufacturing of Sugar process chemicals, Water treatment chemicals and Supplier of yeast and enzyme etc.

PROMINENCE FINESCENCE PVT LTD

Has a history of over 18 years of success in the competitive channel of Chemical & Enzyme Industry.

We would like to introduce Our Company Prominence Finescience Pvt. Ltd. Our main object is Manufacturing of Sugar process Chemical and Water treatment Chemicals. Also we are deal with dry Yeast and Enzymes for distillers. Our quality products is helping our customer to improve their plant efficiency, product quality & product volume etc.

We have been an established and popular company with an excellent track record for the best customer satisfaction. We have never compromised on the quality and the service provided to the customer. We have an excellent staff who will guide you with their best ideas by keeping in constant touch with your company and informing about our product.

Our Sugar process chemical and Water treatment chemical products are manufactured as per quality standards 9001:2015. Our Company is ISO certified from TUV - SUD

Our company has a dealership with Ion Exchange (India) Ltd. for the states of Maharashtra and Karnataka. Under this dealership, we supply Boiler Chemicals and Cooling Tower Chemicals.

We also have a dealership with Sudarshan Chemical Industries Ltd. for Maharashtra and Karnataka. Under this dealership, we mainly supply Mud Settling Agents, Aerobic Cultures, Anaerobic Cultures, and other related products ETP and Sugar process etc. for Maharashtra and Karnataka.





MISSION

To ensure complete customer satisfaction in terms of quality, reliability and service for innovative and environment friendly chemical and enzyme solutions.

VISION

Thrust for growth and optimum reach to customers is an integral part of our future goals. Continuous emphasis is made to develop products that are eco-friendly and biodegradable. Plans are on for the backward integration which will benefit our customers in terms of value and response time. With these lofty ambitions, our prime focus is ultimately to achieve the customer satisfaction with cordial and mutually beneficial relationship.

Company is dealing with other business like supply of DryYeast and Enzyme.

With sales, production and service footprint across the India, we serve our market with sustained focus on customer satisfaction technological innovation and dedicated services.

Our capability to deliver Comprehensive solution with complete technical support makes us partner to depend on.

Products are manufactured as per quality standards ISO 9001:2015

We take great pleasure in introducing ourselves as one of the leading manufacturers of wide range of sugar process chemicals as well as water treatment chemicals required for Distillery's, Boilers, Water Softening / D. M. Plants, sugar process & Boiler House equipment's, Re-circulatory cooling water systems, Effluent water treatment plants etc. also we are supplier of Dry-Yeast and Enzymes etc.

Our all products are manufactured as per quality standards of ISO 9001:2015 & US-FDA quality Standards. Our all products are develop after research and development & it is also practically tested. The company believes that safety is integral to efficient business management and has benchmarked its processes to the highest safety standards.

Company is also committed to protection of environment and ecology in strict compliance with regulatory requirements at all times. The company also focuses on development of the Eco-system and improvement of greenery around its manufacturing site.

Prominence Company has fulfilled all the compliance requirements of the Maharashtra Pollution Control Board (MPCB) and possesses all the necessary Pollution Control Board certificates issued by the MPCB. We also provide Non-Toxicity Certificates for our products, especially for certain Sugar Process Chemicals.



Industries Serve



QUALITY IS A STRENGTH...

Every quality product is a reflection of the
company who does it.

Sugar Process Chemical

We offer the speciality chemicals for the Sugar industry for process, utility and other applications. Apart from Sugar processing application we have pioneered speciality additives for Raw Sugar & Refined Sugar processes.

MILL SANITATION

FEATURES:

Mill Sanitation is a process to clean the mill section from unwanted micro organism growth which causes sugar loss due to inversion. The effect of micro organism can be minimized by using specially designed sanitation chemicals

- ▶ **Bio Pro – QH**
Quaternary Based
- ▶ **Bio Pro – DH**
Di-Thio Carbamate Based

COLOUR PRECIPITANT

FEATURES:

Suspended and colloidal particles present in syrup/Rement are removed during phostlotation process where Colour Precipitant Aid play a major role to remove it resulting better clarification.

Colour Precipitant Used as decolorizing agent to improve the ICUMSA of syrup and melt which in turn helps in production of good quality sugar, removes organic and inorganic colouring matters like lignins, pectin and others from syrup.

- ▶ **Preci pro – SH**
 - ▶ **Colour Precipitant**
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ANTISCALENT

FEATURES:

Evaporator section is heart of sugar process and directly related to efficiency of the process. Clear juice contains high percent of scaling tendency cation and anion. This forms hard scale inside the calandria tubes and hinders the heat transfer. Anti Pro - 123 prevents hard scale formation, improves heat transfer and extends the uninterrupted working operation of Evaporator system.

► Anti Pro - SH

MUD SETTLING AGENT (FLOCCULANT)

FEATURES:

Sudafloc - 227 is a very high molecular weight, dry anionic flocculant designed for clarification of raw cane juice in sedimentation and flotation clarification applications. This product can be used in filtration of mud to recover sugar juice. It improves clear juice clarity and provides a rapid settling rate.

► Sudafloc - 227

► MUD SETTLING AGENT (FLOCCULANT)



Boiler Water Treatment

Boiler is a steam generation unit. Steam is used in various operations like heating, power generation etc., All three states of water are harmful to metal surface and cause loss to the company. We will give preventive measures to minimize the problems through proper treatment with different chemistries as listed here under:-

For Boiler Water Treatment Chemicals, we are an authorized dealer of Ion Exchange (India) Ltd.

OXYGEN SCAVENGER

FEATURES:

The liquid oxygen scavenger, INDION-161 will instantly react with dissolved oxygen, neither INDION-161 nor its reaction products will add to the solid content for the water. It also reduces ferric ions to the ferrous state, thus preventing harmful iron deposits within the boiler.

- ▶ **Indion-161**
- ▶ **Oxygen scavenger**

ALKALINITY BUILDER / CONDENSATE CORROSION INHIBITOR

FEATURES:

INDION R101 steam condensate treatment is a blend of volatile products that provide positive corrosion protection by the direct neutralization of carbon dioxide. Indion R101 is formulated to provide an ideal vapour-liquid distribution ratio, to protect all parts of the steam/condensate system with minimal product loss.

- ▶ **Indion-R101**
- ▶ **Alkalinity builder / condensate Corrosion inhibitor**

SCALE PREVENTION / SLUDGE CONDITIONER

FEATURES:

Indion 2574 is a synergized blend of highly effective scale inhibitor designed for use in both shell and water tube boilers. Indion 2574 can be used under a wide variety of feed water conditions. It is a highly effective dispersant for both hardness salts and metal oxides.

▶ Indion-2574

Scale prevention / sludge conditioner

MORPHOLINE BASE PH BOOSTER

FEATURES:

Zindion 1605 is a Morpholine-based pH Booster. It is highly effective for high-pressure boilers.

▶ Indion-1605

Morpholine base ph booster



Cooling Water Treatment

Cooling tower are special type of heat exchanger that allows water and air to come in contact with each other to lowering the temprature of the hot water. During this process, small volume of water evaporate, lowring the temperature of the water that being circulated throughout the cooling tower.

CORROSION INHIBITOR

FEATURES:

Our product is used for reduce the corrosion rate of metal

- ▶ **Indion - 9028**
- ▶ **Corrosion Inhibitor**

BIO DISPERSANT

FEATURES:

Our Product is used for reduce deposits to control growth of algae, Fungi and bacteria and also it is completely removed from water

- ▶ **Indion - 9077**
 - ▶ **Bio Dispersent**
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SCALE PREVENTION

FEATURES:

Our product is used for scale prevention.

- ▶ Indion - 9060
- ▶ Scale Inhibitor

OXIDISING BIOCIDES/ NON-OXIDISING BIOCIDES

FEATURES:

It is used to reduce deposits to control growth of algae, Fungi and bacteria and also it is completely removed from water

- ▶ Indion - 7615
Oxidising Biocide
- ▶ Indion - 7601
Non-oxidising Biocide



Effluent Water Treatment

Waste water refers to all effluent from household, commercial establishments and institutions, hospitals, industries and so on. It also includes storm water and urban runoff, agricultural, horticultural and aquaculture effluent. Waste water treatment is the process of converting waste water that is no longer needed or is no longer suitable for use into bilge water that can be discharged back into the environment. It's formed by a number of effluents from Industries, Domestic waste etc.

Wastewater is full of contaminants including bacteria, chemicals and other toxins. Our treatment aims at reducing the contaminants to acceptable levels to make the water safe for discharge back into the environment. Biological treatments, which use organisms to break down organic substances in wastewater, are widely used around the world. Unlike other wastewater treatments, which use only mechanical Overtime, Prominence Finescience have been able to control and refine both aerobic and anaerobic biological processes to achieve the optimal removal of substances from waste water.

We are pleased to introduce ourselves as a authorised dealer of Environment Management Division of Sudarshan Chemical Industries Ltd., Pune, an ISO 9001, 14001 & OHSAS 18001 certified company. We are working in the field of Environmental Pollution Control for past 25 years.

Sudarshan Chemical Industries Limited offers a wide range of ready to use microbial cultures which helps to improve biodegradation and in turn allow for more organics load to be treated. The cultures are typically used for

- Performance improvement of ETP/STP
- Stabilization of ETP/STP in case of shock loads
- Reduction in commissioning time of ETP's

These are proven products for aerobic or anaerobic systems for biomasss development in different types of industries like Sugar, Distilleries, Chemical, Pharmaceutical, Textile, Pulp & Paper, Food processing, Dairy, Engineering & Automobile, etc. The normal bacteria count is 10 to 10⁸ CFU/ml.



AEROBIC CULTURE

FEATURES:

Microbial culture used in aerobic effluent treatment systems (aeration tank/ aerobic lagoons/ activated sludge process). The culture consists of a blend of micro organisms which are non-pathogenic, saprophytic and fast growing. Specifically formulated product used to easily degrade effluent like Sugar, Distilleries, and Sewage etc.

- ▶ **Subac – C**
- ▶ **Aerobic Culture**

ANAEROBIC CULTURE

FEATURES:

It is a blend of fermentative & methanogenic bacteria, which convert the organic acids to methane and carbon dioxide. It is commonly used for commissioning & stabilization of anaerobic treatment in a very short time.

- ▶ **Subac – AN**
- ▶ **Anaerobic Culture**

MICROBIAL CULTURE

FEATURES:

This is a highly concentrated mixture of spores and vegetative bacteria. The Bacillus bacteria combined with a Pseudomonas species provide a multiple enzyme producing culture with enhanced capacity to degrade surfactants, hydrocarbons, ammonia and other chemicals in mixed waste water non pathogenic, saprophytic and fast growing.

- ▶ **Roetech 302**
- ▶ **MICROBIAL CULTURE**

MICROBIAL CULTURE

FEATURES:

This is a highly concentrated mixture of spores and vegetative bacteria. The Bacillus bacteria combined with a Pseudomonas species provide a multiple enzyme producing culture with enhanced capacity to degrade surfactants, hydrocarbons and other chemicals in addition to standard sewage components.

- ▶ **Roetech 106 PS**
- ▶ **Microbial Culture**



Enzyme

Molasses is a general term for concentrated juice from sugarcane or sugar beet or raw cane sugar in concentrated solution after varying amounts of sucrose have been removed. Both sugar beet and sugarcane molasses are used as fermentation sources for ethyl alcohol and other chemicals.

The proportion of molasses and its composition provide important information about the local condition of production of the agriculture source (climatic condition, nature of soil, variety) and at the same time the treatment received within the sugar factory (clarification, crystallization, among others).

Our product enhances the quality and quantity of alcohol by hydrolysing unfermentable sugars and converts the same to reducing sugar. It improves alcohol yield, fermentation cycle and plant efficiency.



Dry Yeast

Yeast are unicellular organisms that evolved from multicellular ancestors, with some species having the ability to develop multicellular characteristics by forming strings of connected budding cells known as pseudohyphae. Yeast sizes vary greatly, depending on species and environment, typically measuring 3–4 μm in diameter, although some Yeast can grow to 40 μm in size.

The yeast species *saccharomyces cerevisiae* converts carbohydrates to carbon dioxide and alcohol through the process of fermentation.

Alcoholic beverages are defined as beverages that contain ethanol ($\text{C}_2\text{H}_5\text{OH}$). This ethanol is almost always produced by fermentation – the metabolism of carbohydrates by certain species of Yeast under anaerobic or low-oxygen condition. Beverages such as mead, wine, beer or distilled spirits all use yeast at some stage of their production. A distilled beverage is a beverage containing ethanol that has been purified by distillation. Carbohydrate – containing plant material is fermented by Yeast, producing a dilute solution of ethanol in the process. Spirits such as whisky and rum are prepared by distilling these dilute solution of ethanol.





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