



**Indotech Organiics**  
solutions provider

Providing innovative solutions to  
distilleries and sugar industries since 1992.





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## About Us

**Indotech Organics** manufactures specialty products to serve wide spectrum of industries like fertilizer, rubber, paper, sugar, distillery, automobile, engineering, chemical and agro-processing industries. It commands very high reputation among all stakeholders including customers & suppliers. Our strong Research & Development approach complemented with knowledge base, transparent ethical business philosophy, fair business practices have a great contribution to our continuous business growth. **Indotech Organics** has researched, developed, manufactured and marketed several industrial products to meet the unique needs of a specific market or as a "problem solving" solution for our customers.

## Vision

"To develop sustainable business practices in our products & services both profitably & responsibly by optimally utilizing the natural resources and conserving them to benefit future generations through sustainable growth."

## Mission

To provide viable solutions for our customer's problems through sound scientific research, precise and efficient manufacturing and a strong commitment to offer support & service in timely and cost-effective manner.

## Our Philosophy

Sustainable business is built on trust. It is our policy to provide most cost effective solutions to all our customers. We ensure maximum returns to our customers when they invest in our product.

- ▶ Increase the profitability of our customer by reducing input cost through our cost effective quality products and making processes simpler.
- ▶ Share the extra profit so earned through our products and services on equitable basis.
- ▶ Customer should always win and earn more in all dealings with us.

## Core Values

Integrity cannot be bought or sold, it must be earned. We will not compromise on it for short term gain or advantage. We will stand tall in front of our associates and customers and never look the other way. Mishaps & problems will not alter our course; we will look at them as an opportunity for growth as individuals & as a company.

## Environment

Mother earth is fragile and must be handled gently, so we must be good stewards of our environment. Earth's resources are finite and we will give back through recycling & green technology whenever & wherever possible. BSK group believes it to be less expensive to develop safe chemistry today rather than clean up bad chemistry tomorrow.







Specialized integrated  
solutions from  
Cane to Sugar



**Indotech organics** provides integrated solutions from milling to crystallization to produce maximum quantity of best quality sugar at minimum cost of production

## Mill Sanitation

**Indotech** offers wide range of mill sanitation products for integrated mill sanitation program. We recommend to apply all three biocides we offer for best results and to minimize sucrose loss.

### SUCROQUAT

SUCROQUAT is highly effective cationic quaternary ammonium based broad spectrum micro biocide for sugar mill sanitation. Standard product is available with 50% active content but it can be tailor made to suit customer requirements.

### SUCROMATE

SUCROMATE mill sanitation is dithiocarbamate based biocide used in sugar mill sanitation. Standard product is available with 40% active content but it can be tailor made to suit customer requirements. It is effective against all types of micro-organisms found in cane juice.

### SUCROCIDE

SUCROCIDE is highly effective oxidising biocide used for mill sanitation in sugar industry. It is broad spectrum biocide effective against gram positive and gram negative bacteria. It can be used in integrated mill sanitation program.

**Note :** **Indotech organics** offers specialty proprietary mill sanitation chemicals which are more effective than any of the traditional products. Contact us for more details.

## Color Precipitant

### INDOFLOC CP 24

INDOFLOC CP 24 is a special liquid cationic polyelectrolyte in concentrated form used as a color precipitant / decolorizing agent for juices and syrups.

## Anti-scalent For Evaporator

### INDOPERSE 18

It is an anti-scalent for evaporator. INDOPERSE 18 has an unique thermal stability and dispersive capability. This results in ability to operate under more severe conditions like increased cycles without increased risk of scaling or fouling. INDOPERSE 18 has proven to be effective in preventing scale formation in sugar factory evaporator surface by adsorption of polymers on the growth sites of scale forming crystals thereby distorting and inhibiting the crystal growth.

### INDOPERSE SR

INDOPERSE SR is a regular product used as anti-scalent in sugar industry. It meets all the required specifications of customer. It is proven to be effective in preventing scale formation in sugar cane juice evaporation.





## Viscosity Reducer And Crystalizing Aids

### VISCORED 8020

VISCORED 8020 is a special additive designed to improve sugar industry operations. Its use can increase sugar yield and lower molasses purity, improve purging, reduce pan boiling and centrifugation time, improve massecuite fluidity, speed graining and form sharper crystals.

### VISCORED 7010

VISCORED 7010 is a non-ionic special additive designed to improve end operations. Its use can increase sugar yield and lower molasses impurity, improve purging, reduce pan boiling and centrifugation time, improve massecuite fluidity, speed graining and form sharper crystals.

### INDOSOFT - DS

INDOSOFT - DS is a low foaming concentrated cleaning additive designed to soften the scale during cleaning. It increases the penetration power of caustic soda used for evaporator cleaning. It is very stable at high pH and high temperature. It is soluble in highly alkaline solutions of water. It is recommended for highly alkaline cleaning of evaporators and many hard surface cleaning applications.

### INDOSCALE DSS

#### ACIDIC DESCALENT FOR EVAPORATOR

INDOSCALE DSS is specifically designed for use as economical and safe descaling agent to remove scale in evaporators, vacuum pans and heat exchangers of sugar industry. Its use makes most efficient use of the equipment.

## Enzymes for sugar industry

### INDOZYME – DX2020

INDOZYME-DX2020 is a specially formulated enzyme based product for use in the sugar mill to hydrolyse the dextrans.

#### Features :

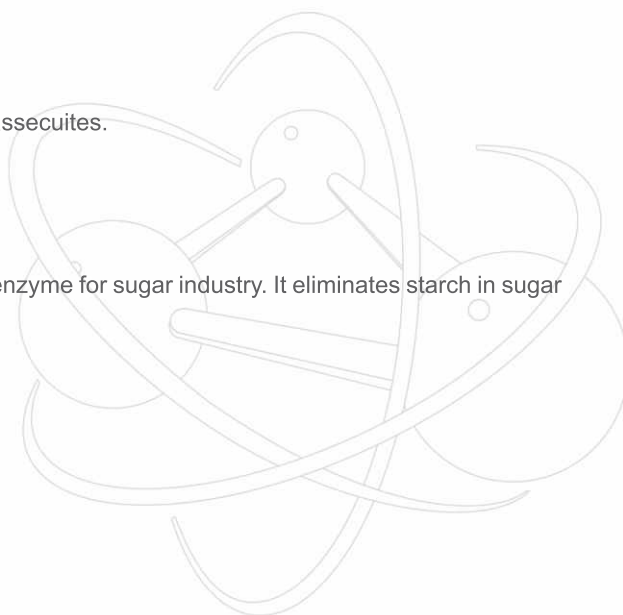
- Reduces final molasses purity.
- Improves filtration.
- Reduction in viscosity of syrup and massecuites.
- Reduction in boiling house losses.
- Improvement in boiling rate.
- Improvement in yield of sugar.

### INDOZYME – SA2030

INDOZYME - SA2030 is a starch hydrolyzing enzyme for sugar industry. It eliminates starch in sugar juice.

#### Features :

- Decreases the purity of molasses.
- Improves sugar yield and quality.
- Increases crystallization rate.
- Increases filtration rate.











# Providing total Solution for Ethanolic Fermentation

## Speciality Process Chemicals For Ethanolic Fermentation (distillery)

**Indotech Organiics** manufactures and offers wide range of speciality process chemicals and additives for alcoholic fermentation (distillery) to control foaming & bacterial contamination as well as yeast nutrients and other products such as enzymes to enhance efficiency of fermentation. Integrated application of these products lead to increase in alcohol recovery.

### Anti-foam & Defoamers

Defoamers are specific formulations that act with extreme efficiency in the control of foam from alcoholic fermentation. They are non-toxic and biodegradable.

#### **INOSEF-DD**

INOSEF-DD is the most versatile product to control foam from alcoholic fermentation (distillery). It is non-toxic and effective in all type of fermentation processes like fed batch, continuous process & Bio-still. It has the highest value for money and there is substantial cost reduction for customer.

#### **INOSEF-DF 100**

INDO-DF100 is a specific formulation that acts with extreme efficiency in the control of foam from alcoholic fermentation [distillery]. INOSEF-DF 100 has characteristics of non-toxicity and biodegradability, immediately providing the decrease of the surface tension and inhibits formation of foam.

### Fermentation Biocides and Anti-Bacterial

#### **FERMICIDE - A1050**

FERMICIDE - A1050 is a proprietary combination of Anti-microbial and effective against wide range of common fermentation contaminants.

##### **Features :**

- ▶ Greater inhibition at lower dose.
- ▶ Eliminates contaminating bacteria.
- ▶ Reduces yeast stress.
- ▶ Prevents competition for glucose by eliminating contaminants.
- ▶ Increases alcohol yield.

#### **FERMICIDE - B1060**

FERMICIDE - B1060 is a powerful biocide for use in molasses fermentation. It is effective against wide range of common bacterial contamination in fermentation.

##### **Features :**

- ▶ Non-toxic to yeast at recommended dose.
- ▶ Provide excellent control of bacterial contamination in molasses
- ▶ Fermentation at lower cost.
- ▶ Prevents competition for glucose.

#### **FERMIPERSE**

FERMIPERSE is a dispersant of high performance. It reduces the surface tension of the medium and therefore reduces the consumption of defoamer / anti-foaming agent / TRO.





## Yeast Nutrients for Alcoholic Fermentation

### NUTRYEAST - 100

NUTRYEAST-100 is a yeast nutrient for use in molasses fermentation. It is a proprietary blend of various types of nitrogen and trace minerals to provide yeast with the correct nutrient balance for growth and reproduction.

**Features :**

- ▶ Increases yeast budding.
- ▶ Consumes sugar more efficiently.
- ▶ More consistent fermentation.
- ▶ Aid building the cell mass during propagation.

### Indozyme

#### INDOZYME - FS 2010

INDOZYME - FS 2010 is a proprietary blend of enzymes manufactured for an application in cane molasses fermentation. Application of INDOZYME - FS 2010 ensures increase in profitability as revenue from extra alcohol is far more than the cost of INDOZYME - FS 2010 incurred.

**Features :**

- ▶ Increases yield of alcohol.
- ▶ Hydrolyzes non-fermentable compounds into fermentable component (sugar). This additional sugar is converted into additional alcohol by yeast.

#### INDOZYME - MS 1040

It is an enzyme for molasses storage tank. It is specially designed to be used for adding in molasses storage tank. It controls the microbial growth in the molasses during storage in addition to other benefits.

**Features :**

- ▶ Controls microbial contamination.
- ▶ Controls formation of polysaccharides.
- ▶ Increases total reducing sugar during storage.
- ▶ Reduces volatile acidity.

Generating extra profit  
for customer





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