



**Indotech Organics**  
solutions provider



For Cleaner &  
Hygienic Food &  
Dairy Products

Sustainable Technologies...  
for better tomorrow





# Indotech Organics

solutions provider

## 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.

Routine hygiene in food, beverages & Dairy Industry is essential to safeguard food safety, public health and animal welfare. **INDOTECH ORGANICS** offers comprehensive range of non-tainting chemicals for powerful cleaning & sanitation solutions for equipments used in the handling, storage, transportation & processing of milk & food products.

## Alkaline Cleaner

### INDOCLEAN - ALF 1010

INDOCLEAN - ALF 1010 is a low foam heavy duty alkaline cleaner ideally suited for CIP washing system. It can be used with hardest of water.

#### Features :

1. Suitable for all water types.
2. Ideal for CIP cleaning system.
3. Cost Effective.
4. Removes proteins and butterfat residue.
5. Keeps fat deposit in solution.
6. Low foaming.

#### Directions for application :

1. Rinse the system at 40 degrees with clear water. Do not re circulate. Drain until clear water.
2. Add INDOCLEAN ALF1010 at the rate of 1-3 kg per 100 liters of hot water depending upon soil/fouling level Circulate.
3. Rinse the plant with hot water at 85 degrees until clear water.
4. Contact Indotech representative for more details.

### INDOCLEAN - ACF 1030

INDOCLEAN - ACF 1030 is one of the strongest low foam liquid acid cleaner for milk stone control and removal.

#### Features :

1. Designed for use in all water conditions, especially dam, bore and channel waters.
2. Removes milk-stone, mineral water and water scale.
3. Ideal for CIP cleaning system.
4. Low foaming.
5. Maximum cleaning power.
6. Cost effective.

#### Directions for Application :

1. Rinse the system at 40 degrees with clear water. Do not re circulate. Drain until clear water.
2. Add INDOCLEAN ACF 1030 at the rate of 0.5-1 kg per 10 liters of hot water depending upon scale level to get pH between 1.8-2. Circulate.
3. Rinse the plant with hot water at 85 degrees until clear water.
4. Contact Indotech representative for more details.

## INDOCLOSAN

### Specifications :

**Appearance :** Clear Liquid.

**Odour :** Hypochlorite

**Spgr :** 1.12 to 1.14

**PH [ Undiluted ] :** 12

### Description :

A chlorine based disinfectant with a fast bactericidal action for routine disinfection of all milking parlors, pipelines, dairy, food processing equipments and general cleaned surfaces.

### Benefits :

1. Chlorine based formulation.
2. Fast bactericidal action.
3. Mixes easily and rinses freely.
4. Non-foaming.
5. Effective in hard and soft water.

### Mode of Application :

#### Pre-cleaned equipments :

Add 100 ml to 125 ml of INDOCLOSAN to 50 liters of water.

**Manual disinfection :** Immerse equipment, ensuring all surfaces are in contact with solution for at least 5 minutes. Rinse off with clean, cold water and allow to drain completely

**In-place disinfection :** Circulate the solution through the plant for at least 5 minutes. Rinse plant thoroughly with clean, cold water & allow to drain completely.



## Sanitizers

### INDOPERSAN - F

INDOPERSAN - F is a broad spectrum peroxy-acetic acid antimicrobial agent for use in sanitizing applications in the dairy, beverages & food processing industries.

#### Benefits and Features :

1. INDOPERSAN - F has fast, broad spectrum kill against many pathogenic organisms, including spores forming micro-organisms.
2. Superior sanitizing even with colder water temperature.
3. Effective sanitizing activity at acidic to neutral pH.
4. Soft and non-corrosive to stainless steel & aluminum surfaces when used at recommended concentrations.
5. Non-foaming for use in CIP system.

#### Sanitation :

1. Equipments.
2. Pasteurizers.
3. Pipelines.
4. Aseptic equipments.
5. Tanks.
6. VATs
7. Evaporators

#### Industries :

1. Dairy.
2. Breweries.
3. Wineries.
4. Beverages.
5. Food Processing.

#### Application & Doses :

##### A Sanitizing Food contact surfaces :

1. Pre-clean the surface with INDOCLEAN - ALF 1010 and INDOCLEAN - ACF1030 cleaners as recommended.
2. Prepare sanitizing solution by adding 2-3 ml of INDOPERSAN - F per liter water [ 20-30 ml per 10 liters of water / 200-300 ml per 100 liters of water].
3. Sanitize with this solution by any suitable techniques like CIP [CIRCULATION], spray or immersion for minimum five minutes.
4. Drain thoroughly.
5. Allow to air dry.
6. Do not rinse.

##### B Sanitizing Non-food Contact Surfaces:

1. Pre-clean the surfaces
2. Surfaces to be sanitized are floors, walls, tables, chairs, benches, drains, etc.
3. Use INDOPERSAN-F with a concentration of 0.5 ml to 1 ml per liter or 5 ml to 10 ml per 10 liter water.
4. Expose all surfaces for not less than 5 minutes.
5. Drain and allow to air dry.
6. Do not rinse.



### **C Sanitizing Bottle Rinse :**

INDOPERSAN - F may be used as a final sanitizing rinse for returnable and non-returnable bottles at a 0.2% dilution. Sterilization of manufacturing, filling and packaging equipments in aseptic processes :

1. Pre - clean the processing surfaces followed by a thorough potable water rinse.
2. Prepare a sterilizing solution of 5% by adding 50 ml of INDOPERSAN - F per liter of water.
3. Circulate, spray or flood the sterilizing solution through the system. The following time and temp can be used as a guideline :

<b>Temperature</b>	<b>Time</b>
25°C	6 HOURS
50°C	20 MINUTES
80°C	5 MINUTES

4. Allow surfaces to drain thoroughly prior to any food product contact.

### **D Food Sanitation :**

1. Use 0.2 % to 0.5 % of INDOPERSAN - F concentration in water at 25 degrees. If concentration is above 0.5% all food contact surfaces should be rinsed with potable water after use.

**NOTE :** Mix INDOPERSAN - F with only water, never bring concentrate in contact with other sanitizers or organic substances.

## **Combined Sanitizing**

INDOCLOSAN can be used with INDOCLEAN-ALF1010 cleaner.

### **Manual Combined Sanitizing :**

Add 125 ml to 150 ml of INDOCLOSAN to 50 liters of warm INDOCLEAN-ALF1010 (Alkaline) cleaner solution. Thoroughly rinse off all of the equipments in clean water. Scrub with solution for at least 5 minutes. Make sure that all surfaces come in contact with solution. Rinse off with clean cold water.

### **In Place Disinfection :**

Add 125 ml to 150 ml INDOCLOSAN to 50 liters of hot INDOCLEAN - ALF1010 (Alkaline) cleaner solution. Do not mix two concentrates. Thoroughly pre-rinse the plant in clean water and drain to waste. Circulate solution for 5-10 minutes & then drain to waste. Rinse off with clean cold water and allow to drain completely.

### **Final Rinsing :**

Where main water supply is not chlorinated, INDOCLOSAN may be added to the final clean rinse at 25 ml to 30 ml per 50 liters of water.

### **Storage :**

Store in original container in cool and dry place.

**Note :** Never mix INDOCLOSAN with acidic material or any other Organic Material.



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