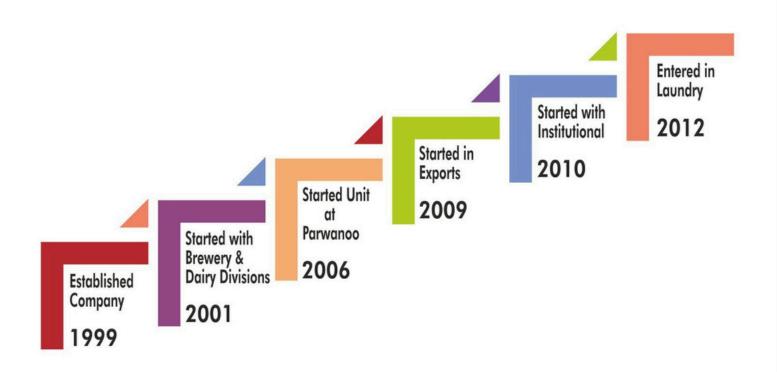




SATOL CHEMICALS JOURNEY...



Brewery Dairy Beverage Institutional Laundry



Corporate Profile

We introduce ourselves as the manufacturer of speciality chemicals who entered the market of Industrial cleaning in 1999, when plethora of global players had their dominance. We not only survived that cut throat competition but managed to capture a major share of the market. Now after a decade we are a leading player having carved a niche for itself in the south Asia region with product focus on Breweries/Beverages/Dairy & Food Processing.

Riding high on this success we have recently entered into **Institutional Cleaning** with the same vision of providing "Economy with Quality" which has been our core strength and philosophy.

We are dedicated to preserving our precious environment. "SATOL" an organisation offering ecofriendly, bio-degradable products from beginning and which will continue in future too.

A judicious mix of process and ingredients will keep our products frontline because at SATOL Chemicals research and development is a continous process with experimenting and innovating at the centre stage. With our Strong R&D based at Mumbai and Manufacturing facility at Parwanoo, in one of the best SEZ of INDIA, we are capable of custom designed products to individual customer specifiacations which distinguish us from our competitor making "SATOL" the undisputed choice of customers.



What we value:

- 1. Optimum customer satisfaction.
- Continuous up-gradation in our quality standards making our association with customers a delightful and economical experience for them.
- A committed and trustworthy professional relationship which goes beyond mere business relations.

Vision : To make the whole world understand what cleaning stands for by setting up examples through our products and their use.

Mission: To be a trendsetter in cleaning industry pioneering not only hygiene market but also paving the way for our competitors through our high standards which will propel them towards the attainment of their maximum efficacy, raising the bar for worldwide hygiene altogether.

"With immaculate performance imbibed in our products we dedicate ourselves to preserving cleanliness in an ecological way"



S5

S8

Multipurpose liquid

Usages: Normal Soiling: 10-12 ml in 1 ltr water,

Heavy Soiling: 20-30 ml in 1 ltr water



cleaner for all in one cleaning applications of water closet, utensils, sinks, taps, tiles, etc. with excellent stain removal power.

S₁

Hard Surface Cleaner product for effective cleaning and disinfection for all hard surfaces. It can be used for wet mopping as well as through scrubbing with machine.



Glass Cleaner

(Concentrate)

Concentrated glass cleaner liquid recommended for daily periodic cleaning applications of glass surfaces and any other see thru surfaces. It cleans to sparkle and streak free in one action and doesn't leave marks post application.

Usages: Normal Soiling: 10-12 ml in 1 ltr water, Heavy Soiling: 20-30 ml in 1 ltr water

Usages: Normal Soiling: 10-12 ml in 1 ltr water, Heavy Soiling: 20-30 ml in 1 ltr water

Furniture Shine Maintainer

It is developed for effective maintenance of wood including all furniture and laminated surfaces. It provides quick cleaning and excellent shining to the polished wood surface along with shield against normal wear. It effectively removes oily soils and finger marks leaving luster to polished surface.

Air Freshner S4

> It is water based liquid freshner and deodorizer with a pleasant fresh floral fragrance. It is used for air conditioning and neutralizing odours in all

Toilet Bowl Cleaner

S6

S9

Specially formulated Toilet Bowl Cleaner for removal of vellow lime scale deposits and stubborn stains. It leaves toilet bowls and urinals sparkling clean. It has appropriate viscosity for excellent adhesion to vertical/slopped surface.

Ready to use product

Ready to use product

Ready to use product

Multipurpose Cleaner

It has been developed for the current requirement of I & I cleaning in the F & B industries as well as Housekeeping Applications. It can be applied as cleaner for tanks, crates, cans and other process areas. For the institutional applications it is effective for cleaning of kitchen.

Usages: Normal Soiling: 50 ml in 1 ltr water, Heavy Soiling: 50-100 ml in 1 ltr water

Satol Supreme

Multipurpose paste cleaner is a finest solution to remove any old and hard stains from any surface due to oil and dirt with fast action. It is ready to use formulation and instantly removes rust and paan stains from surface.



Usages: Normal Soiling: 50 ml in 1 ltr water, Heavy Soiling: 50-100 ml in 1 ltr water

Washroom Cleaner

Effective in cleaning and disinfecting for all surface fittings, bathtub, sink, walls, tiles & removes hard water stains.



Usages: Normal Soiling: 50 ml in 1 ltr water, Heavy Soiling: 50-100 ml in 1 ltr water



Manual Dish Wash

SD1

Concentrate dishwashing detergent for manual applications with effective food residue removal and easy rinsing properties. It is safe for use with skin contact.



Usages: Normal Soiling: 10 ml in 1 ltr water. Heavy Soiling: 20-30 ml in 1 ltr water

Kitchen Cleaner

SD2

SATOL SD2 is a neutral detergent suitable for manual cleaning of all surfaces in the kitchen. It is an optimal blend of anionic and nonionic surfactants, which makes it effective for removal of grease and dried-on food. The sequestrant in the formulation makes it suitable for all water conditions and does support cleaning performance.



Usages: Normal Soiling: 10-20 ml in 1 ltr water, Heavy Soiling: 20-30 ml in 1 ltr water

Vegetable Sanitizer

SD4

Scale Remover SD5



SATOL SD4 is a concentrated liquid for disinfection of all surfaces including food contact surfaces and also suitable for

disinfection of vegetables.

Excellent de-scaler which effectively removes Ca and Mg scales from any hard surface with immediate prevention from new scale deposits.

Usages: Normal Soiling: 2-5 ml in 1 litre water Heavy Soiling: 5-10 ml in 1 litre water Usages: Normal Soiling: 10 ml in 1 ltr water, Heavy Soiling: 20-30 ml in 1 ltr water

Satol Polish

SD7

Grill Cleaner SD9



It is an excellent ready to use product for polish and maintenance of stainless steel surface. It takes care of surface contaminants like dirt, residue, fingerprints, water spots and other markings that you notice on stainless steel and provides smooth luster to surface.

Usages: Directly apply on SS Surface



Heavy duty alkaline liquid cleaner developed for removal of accumulated basked-on carbon deposits, fats, oils, greases from the grill surface. This specialized grill cleaner can be used without cooling the grill.

Usages: Oven / Grills: Neat use Fryer cleaning

100 ml / 10% in water

Stenza

Very unique adhesive remover developed on special request from Indian Railways. It offers excellent results for label and gum stains removal from any hard surface. This product is having no irritation on human skin and also having fine odour.



Ready to use product

Stenza MPC

(Alcohol Based Multipurpose Cleaner)

STENZA - MPC is a concen-trated general purpose cleaner cum sanitizer which doesn't contains any abrasive or bleaches and is ideal for the quick & gentle cleaning of all hard surfaces.



Ready to use product

Heavy Duty Degreaser

Heavy duty liquid degreaser concentrate developed for penetrating and dissolving hard oily surfaces. It provides fast penetration through highly soiled surfaces like grease, fats, etc.



Usages:

Normal Soiling: 10 ml in 1 ltr water, Heavy Soiling: 20-30 ml in 1 ltr water Very Heavy Soiling: 50 ml in 1 ltr water

Satol Rinse



Effective rinse serve developed for wide range of ware washing applications. It provides excellent shiny dishes, glasses and utensils along with spot and film protection.

Usages: The concentration for both manual & auto operation to be maintained at 0.01-0.05%

Auto Dish Wash



Specially developed for machine and washing applications. Excellent food soiling residue removal and prevents staining.

Usages: Concentration for machine operation is 0.1-0.3% at 60-650C

S. S. Cleaner

Effective rust remover on stainless steel, metal, brass & other metals



Usages: Normal Soiling: 50 ml in 1 ltr water, Heavy Soiling: 50-100 ml in 1 ltr water

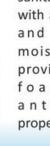
Hand Sanitizer

Thoroughly clean and dry hands with a suitable mild hand cleanser. Rub for minimum 30 seconds.



Usages: 3 ml for Hygienic hand disinfection 5 ml for surgical hand disinfection

Satol Handwash



This liquid soap is for effective hygiene and sanitation of hands with a pleasant smell and appropriate moisturisation. It provides adequate foaming with antibacterial properties.

Ready to use product



Carpet Shampoo

101

SATOL 101 is a concentrated carpet shampoo for all types of carpet upholstery. It is PH neutral, pleasantly carpet shampoo for

Carpet Cleaner

103

Concentrated Carpet Shampoo, used for periodic restorative carpet cleaning process.

Satol Spiral Super

Heavy duty liquid degreaser concentrate developed for penetrating and dissolving hard oily surfaces. It provides fast penetration through highly soiled surfaces like grease, fats, etc.



Usages: Application at 2-3% with pressurised spray

Satol Extra Shine

(Liquid Crystallizer)



Usages: Normal Soiling: 10 ml in 1 ltr water, Heavy Soiling: 20-30 ml in 1 ltr water Very Heavy Soiling: 50 ml in 1 ltr water

Satol Eco Shine

Satol Eco Shine protects calcareous natural stone floors (e.g. marble, travertine, jura limestone) and achieves a mirror-like shine. It reduces water penetrability thus facilitating daily cleaning. It provides the highest shine for dull, trafiic-worn

Usages: Application at 2-3% with

pressurised spray

marble and other calcareous stone floors.

COVERAGE:40 - 50m2/Ltr

step for crystallization.

SATOL BLOSS Marble

Shining Liquid is to be

used for maintenance of

surfaces submitted to an

intense traffic. It may also

be used after the

polishing process as final

Ready to use product

Satol Bloss (High Crystallizer Powder)

COVERAGE: 5 kg SATOL BLOSS for approx. 400-500 m2



SATOL BLOSS is composed of polishing and high crystallization components with which optimal shine results are achieved. SATOL BLOSS removes very small, fine scratches and thus increases the stone's contour acuity. Treatment with SATOL BLOSS improves floor tread properties.

Ready to use product

Ready to use product

Satol Eco Care (Perfumed Liquid Gel)

ECO CARE Product is a Satol perfumed liquid gel which is an effective hygiene and sanitation gel for hands leaving a pleasant smell and it is an appropriate moisturizer.



Satol Eco Clean (Multipurpose Liquid Cleaner)

ECO CLEAN has been developed for the current requirement of Industrial & Institutional Cleaning in the Food & Beverage Industries as well as Housekeeping Applications can be applied as cleaner for tanks, crates, cans, floor, trays and other process areas. is effective for cleaning of kitchen utensils, glassware, floors and oily surfaces. is safe on various surfaces like: Stainless Steel, Aluminium, Plastic, Rubber, Fiberglass and all other materials utilized in Food Processing Units.



L6

Liquid Detergent with Booster and optical brightener

> SATFAB UNIVERSAL is a fully built-up liquid detergent based on a blend of high-performance surfactants and contains an optical brightener. In conjunction with SATFAB BUILD, it offers a practical solution for a wide array of fabric washing needs encountered in hotels & healthcare establishments.



Liquid Emulsifier Concentrate

SATFAB 200 S is a super concentrated liquid emulsifier for effective cleaning of fabrics regularly exposed to cooking oils, massageoils, mineral oils and grease stains. It increases effectiveness of normal laundry detergents by actively removing these types of soiling from fabrics.

SATFAB BUILD

Liquid Alkalinity Builder / Booster for use in Medium water Hardness - without phosphates

> SATFAB BUILD is a liquid alkalinity booster / builder based on an alkali source that makes it suitable for use in normal water hardness (upto 50 ppm) situations. It is normally used in conjunction with SATFAB UNIVERSAL. It does not contain phosphates.



SATFAB HYPO

Chlorine Bleach

SATFAB HYPO is an effective low temperature chlorine bleach system based on hypochlorite, alkali and bleach stabilising agents. It can be applied on all type of white fabrics and articles with chlorine compatible dyes. Especially suitable for removing stains coming from foodstuffs and beverages.



SATFAB OXYBLEACH L5

Liquid Oxygen Bleach

SATFAB **OXYBLEACH** is a high quality peroxide-based bleach for maintaining and enhancing whiteness and for removing stains coming from foodstuffs and beverages. Suitable for a wide array of coloured fabrics too. Has



SATFAB CID

Liquid Neutraliser - Neutralises Alkalinity and chlorine

> SATFAB CID neutralises residual alkalinity as well as chlorine and oxygen bleaches after the wash process, thereby preventing yellowing and possible fabric damage. It is very safe on cottons.



SATFAB RUSTNIL

Liquid Neutraliser - Neutralises Alkalinity, Chlorine and prevents Iron percipitation, thereby preventing rust stains on fabrics.

> SATFAB RUSTNIL is a laundry sour used to neutralise residual alkalinity at the end of the total wash process. It also prevents yellowing of fabric by neutralising iron in the rinse water. It also efficiently neutralises all residual bleaches - chlorine as well as oxygen bleaches.

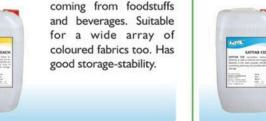
L7



SATFAB SOFTENER

Fabric Softener Concentrate

SATFAB SOFTENER is a rich perfumed fabric softener specially formulated for use in commercial and on-premise laundries in hotels and hospitals. The product has enhanced softening properties and does not adversely effect absorbency at all. The special perfume continues to give off pleasant fragrance, even after drying and ironing / calendaring at high temperatures.



L8



SATFAB CONDITIONER 9

Neutraliser for hardness and iron in laundry-water



contains high quality sequesterants to neutralise hardness and iron in laundry-water and ensures the best wash-performance. Prevents greying, yellowing and iron/rust stains on fabrics. Prevents scaly deposits on fabrics and protects fabric-texture. Prevents scaly deposits on washing machines, enhancing machine life-span.





P3

POWDERS

SATFAB COMPLETE

Superior Performance Detergent

SATFAB COMPLETE is a complete, advanced, fully built-up laundry detergent for light and heavy soils. It is suitable for use on all cottons, polyesters and blends thereof, providing the highest standard of wash performance. The highquality water hardness sequestrants ensure prevention of build-up of scaly deposits on fabrics and equipments.

P1

P4

SATFAB ALL IN ONE P2

A versatile, multi-purpose detergent with bleach

> A multi-purpose detergent powder with in-built stain removing ability for a wide range of stains, hard water compability and in-built alkalinity. Saves water, steam, expensive boilerfuel, time and electricity through highly efficient wash-process. Enhances productivity.

SATFAB BOOST

Alkalinity Booster

SATFAB BOOST is an alkaline booster specially formulated to assist in the

removal of heavy soils, as found on F & B linen, engineering overalls, etc. When used in conjunction SATFAB with COMPLETE, it gives excellent results. It does not contain caustic soda,

hence, it is safe on fabrics.



SATFAB PEROXY

High quality powder bleach, safe on coloured and white textiles

> A high quality peroxidebased bleach for maintaining and enhancing whiteness and for removing stains coming from foodstuffs and beverages. Suitable for a wide array of coloured fabrics too. Has good storage-stability.

SATFAB ACTION

Hard Water Conditioner

SATFAB ACTION is

P5

a water-conditioner. which contains sequesterants to neutralise waterhardness effectively, producing the best cleaning efficiency.

SATFAB RINSE

Neutralising Agent

SATFAB RINSE is a

P6

mildly acidic powder that has the properties of neutralising both alkalies and chlorine. Addition of SATFAB RINSE in the last rinse completely neutralises any excess alkalinity as well as bleach, thereby preventing yellowing and possible



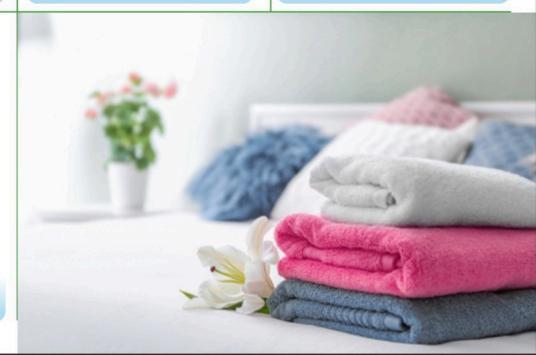


SATFAB LAUNDRY SPOTTING KIT

SATFAB LAUNDRY SPOTTING

KIT offers simple, quick and comprehensive stain removal. It includes four 500 ml bottles that take care of different kind of stains like protein, blood, tannin oil, paint, rust & many others.







CLEANING & SANITATION SOLUTION FOR POULTRY

SATONIL - G is a multipurpose cleaner & sanitizer for Plant Cleaning Applications in Food & Beverage Industries. This product is an excellent combination of various cationic surfactants and sequestering agent which results in efficient soil removal and disinfection of the surface.

SATONIL QUAT is a general purpose disinfectant for Plant Cleaning Applications in Food & Beverage Industries. This product is an excellent combination of various cationic surfactants and sequestering agent which results in efficient soil removal and disinfection of the surface.

SATOL BKC 20 is a germicidal cleaner for Plant Cleaning applications in Food & Beverage Industries. This product is an excellent combination of various cationic surfactants and sequestering agent which results in efficient soil removal and disinfection of the surface.

SATOL HP 100 is a foaming type excellent cleaning agent with formulation suitable for hygienic cleaning and sanitation of floors, tanks, equipments etc in Food Processing Industries & Housekeeping areas. It releases active oxygen while cleaning the surface with its detergency action and removes all oxidisable entities present.

SATONIL PA is a special fast action sanitizer based on stabilized Hydrogen Peroxide and Peracetic Acid. SATONIL PA is highly effective against all types of microorganisms and viruses even in cold water. Peracetic acid provides fast sanitizing and Hydrogen Peroxide rendered the product suitable for flushing or immersion.

Neutrofoam is foam cleaning agent developed for daily use in the Food and Beverage Industries. The product is a perfect blend of high foaming surfactants and EDTA. The presence of surfactants offers an improved sanitizing action and EDTA provides a strong detergent effect. It is very effective for use on a wide variety of applications ranging from effective removal and prevention of food soiling, scale deposits and oil stains.

SATFOAM CL is liquid alkaline chlorinated foam cleaner developed for daily use in the Food and Beverage

Industries. The product is a perfect blend of potassium hydroxide, high foaming surfactants and hypochlorite. The presence of surfactants offers an improved sanitizing action and potassium hydroxide provides a strong detergent effect. It is very effective for use on a wide variety of applications ranging from effective removal and prevention of food soiling, scale deposits and oil stains.

Alkaline Cleaner is liquid alkaline foamless cleaner developed for daily use in the Food Processing Industries, especially at Milk Collection & Processing Units and Sea Food Processing Industries. The product is a perfect blend of Non Foaming Surfactants and Sodium Hypochlorite. The presence of surfactants offer wetting action and potassium hydroxide provides a strong detergent & descaling effect. It is very effective for use in daily cleaning applications of Milk Collection and Processing Equipments like milking machines, bulk milk coolers etc and removal of fish fats in Sea Food Processing.

Satocid is a low foaming acidic cleaner cum sanitizer for CIP use in the breweries and beverages industries

Satol DS is an excellent descaler product which efficiently removes Calcium and Magnesium scales from hard surfaces, Metals, Glass etc..

VIROSAT is a general purpose disinfectant for Plant Cleaning Applications in Food & Beverage Industries. This product is an excellent combination of various cationic surfactants and sequestering agent which results in efficient soil removal and disinfection of the surface.





CLEANING & SANITATION SOLUTION FOR DAIRY AND FOOD PROCESSING

ALKALINE CLEANERS

- SATOL AC Alkaline Caustic Additive low foaming Germicidal liquid cleaner used in CIP - manual highly concentrated containing cleaning agents sequestrant, dispersant, surfactant reducing caustic consumption saving ETP chemical load, water, heat, electricity improving quality of cleaning by removing scales milk stone & water scales from powder plant pasteurizer silo pipe lines road milk tanker, Bulk Milk Cooler, Chilling Center safe use on SS 304 and 316, Aluminium, rubber plastic, MS, floor, tiles even recommanded dose on skin.
- SATOL HAC High Alkaline Caustic substitute liquid cleaner used single for CIP without caustic on heavy soiling, greasy surface contains non ionic surfactants caustic & others to reduce surface tension increasing penetration & dispersant power for effective & class cleaning, better to those who want to avoid caustic in crates pasteurizer silo pipelines safe use on SS 304 -316 rubber, plastic, MS, floor, tiles.
- 3. SATOL GC Alkaline Germicidal Liquid cleaner with mild foam & good sanitation effect better for manual cleaning at Chilling Center, Bulk Milk Cooler consist of sequestrant, dispersant, surfactant improving manual quality cleaning with excellent hygiene properties for cans, crates, floor, trays, Road Milk Tankers safe use on SS 304 - 316 Aluminium, rubber, plastic, MS, floor tiles, even re-commanded dose on skin.
- 4. SATOL NAC Normal Alkaline Caustic Additive low foaming liquid specially developed for stringent ETP standards through CIP & manual cleaning, It is highly concentrated free from disinfectant containing non ionic surfactant sequestrant, used in powder plant, dispersant, controlling caustic consumption saving ETP, accelerating quality cleaning in powder plant pasteurizer silo pipe line road milk tanker crates, Cans washer BMC. Chilling Center safe use on SS 304 316, Aluminium, rubber plastic, MS, floor, tiles even recommanded dose on skin.
- SATIC-50 It has been developed for the current requirement of cleaning in the Food Processing Industries and can be applied as liquid cleaner for tanks, crates, cans, floor, trays and other process areas.

NEUTRAL CLEANER

 LIZA - Normal High Concentrated mild Alkaline towards normal foaming odourless manual cleaning LIQUID SOAP replace caustic based soap oil. Liza having good rinsibility with a perfect blend of EDTA, anionic non ionic surfactant cost effective in use concentration comparatively used on any surface like aluminium, rubber, plastic, floor, stainless steel, tiles where heavy soiling, greasy surface, fat, ice cream, butter section and milk tank road milk tanker floor etc, safe use on SS 304 - 316, Aluminium, rubber plastic, MS, floor, tiles even re-commanded dose on skin.

ACIDIC CLEANERS

- SATOCID Acidic Low foaming colourless liquid cleaner cum sanitizer for CIP effective on scales removing milk stone as well as water scales through CIP & manually from tanks and vessels without effecting on material of construction SS 304 - 316. Satocid consists of cleaning agents, phosphonet, phosphoric acid & surfactant.
- SATOL DS (De-Scaler) Acidic Non-Foaming odourless liquid de scaler through CIP as well as manual in hot or cold condition highly effective for removing milk stone as well as water - 316 aluminium, rubber, plastic on re-commanded dose.

scales single or with nitric acid from tanks & vessels. Satol DS consist of cleaning agents inorganic acid, organic acid & surfactant. High class scale remover from external and internal surface accelerating quality of cleaning in powder plant pasteurizer silo pipe line road milk tanker BMC, Chilling Center. It is non corrosive safe on SS 304 - 316 aluminium, rubber, plastic on re-commanded dose.

FOAMLESS CLEANERS

 SATOL FAC - Foamless caustic additive germicidal liquid cleaner for cleaning and disinfection during CIP process. It can be used in CIP circuits as well as for general manual cleaning depending upon application requirement.



CLEANING & SANITATION SOLUTION FOR DAIRY AND FOOD PROCESSING cont...

- 2. SATOBASE FL Liquid alkaline foamless cleaner with perfect blend of Non Foaming Surfactants and Sodium Hypochlorite. The presence of surfactants offer wetting action and potassium hydroxide provides a strong detergent & descaling effect. It is very effective for use in daily cleaning applications of Milk Collection & Processing Equipments like milking machines, bulk milk coolers etc.
- SATOCID FL Acidic foamless liquid cleaner developed for daily use in the Food Processing Industries, especially at Milk Collection & Processing Units. It is a perfect blend of inorganic acids and non foaming surfactants.

SANITIZERS

- SATONIL PA COLD SANITIZER (5 & 15%) Fast action sanitizer based on stabilised Hydrogen Peroxide and Peracetic Acid for application in Dairy & Food Processing Units. It is highly effective against most of the micro-organisms gram(+) and gram (-) thermophilic bacteria spores viruses in cold water. Peracetic Acid provides fast sanitizing and Hydrogen Peroxide renders the product suitable for flushing or immersion with better results when compared to Quarts, Phenols, Aldehydes & Halogens.
- SATONIL Specially developed new generation liquid odourless, tasteless and non toxic cold disinfectant with combination of highly concentrate Hydrogen Peroxide and Silver Cations also used for fogging.
- 3. SATONIL QUAT General purpose mild alkaline odourless colourless liquid, used as disinfectant for cleaning & hygiene. It is based on Quaternary Ammonia Compound, water soluble effective on broad spectrum microbes specially gram(+) & gram(-) bacteria used through fully or semi CIP, manual & by fogging for hygienic purpose.

POWDER BASED ADDITIVE

 SATOL P - Powder based cuastic additive for internal cleaning and disinfection of tanks, equipments and very soiled pipework. It is a perfect combination of non ionic and cationic biodegradeble surfactants with speciality phosphate and sequesting agents.

FOAM CLEANERS

- SATFOAM CL Liquid alkaline chlorinated foam cleaner developed for daily open plant cleaning requirements. The product is a perfect blend of potassium hydroxide, high foaming surfactants and hypochlorite. The presence of surfactants offers an improved sanitizing action and potassium hydroxide provides a strong detergent effect.
- SANIFOAM Acidic liquid foam cleaner developed for cleaning applications in food processing industries such as beverage, dairy and brewery units. It is a perfect blend of inorganic acid and foaming agents. It also has its application in fish processing and poultry units for quick cleaning of the processing areas.

ACIDIC CLEANER (WEEKLY CLEANER)

Acidic Cleaner is acidic nature foamless cleaner developed for daily use in the Food Processing Industries, especially at Milk Collection & Processing Units. It is a perfect blend of inorganic acids and non foaming surfactants. It is very effective for use in daily cleaning applications of Milk Collection and Processing Equipments like milking machines, bulk milk coolers etc.

ALKALINE CLEANER (DAILY CLEANER)

Alkaline Cleaner is liquid alkaline foamless cleaner developed for daily use in the Food Processing Industries, especially at Milk Collection & Processing Units and Sea Food Processing Industries. The product is a perfect blend of Non Foaming Surfactants and Sodium Hypochlorite. The presence of surfactants offer wetting action and potassium hydroxide provides a strong detergent & descaling effect. It is very effective for use in daily cleaning applications of Milk Collection and Processing Equipments like milking machines, bulk milk coolers etc and removal of fish fats in Sea Food Processing.





CLEANING & SANITATION SOLUTION FOR PROCESSED FOOD & SNACK INDUSTRIES

SATOL HP 100 ((OXY MULTIPURPOSE CLEANER)

SATOL HP 100 is a foaming type excellent cleaning agent with formulation suitable for hygienic cleaning and sanitation of floors, tanks, equipments etc in Food Processing Industries & Housekeeping areas. It releases active oxygen while cleaning the surface with its detergency action and removes all oxidisable entities present.

STENZA MPC

STENZA MPC: It is Liquid colorless alcohol based multipurpose waterless cleaner cum sanitizer for all hard surfaces having almost neutral pH used to remove oil, grease, stains, fatty surface cleaner.

SATOL DG

It is a heavy duty liquid degreaser concentrate developed for penetrating and dissolving hard surfaces which are highly soiled by oils, fats and greases. The product is a perfect blend of special solvents and wetting agents which helps for fast penetration through highly soiled surfaces like grease, fats etc. Satol DG is suitable for manual as well as spray foam cleaning applications for heavy duty cleaning and degreasing of equipments, food processing areas such as floors, walls etc.

SATOCID MC

It is specifically formulated low foaming, high active, Nitric acid / Phosphoric acid blend de scaling cleaner for various CIP circulations to remove inorganic deposits in Food and beverage industries. Satocid MC is Perfect blend of inorganic acids for excellent mineral scale removal with low Foaming / No fuming fast action cleaner cum descaling agent . Satocid MC is effective against removal of Calcium Oxalate/beer stone in beer industries and also helps in efficient removal of protein and mineral deposits in Food Industries.

SATOL - AF (ANTI FOAM)

SATOL - AF is an organic defoamer especially formulated for the production of Potato (Starch, French Fries, Chips) as well as for sugar production. It performs exceedingly well to control foams in all types of fermentation processes.

SATOL FREEZE CLEAN (FREEZE CLEANER)

SATOL FREEZE CLEANER is an alkaline cleaner formulated for use in refrigerated or freezer environments down to 20° F (28.9°C)

SATOL NEUTROFOAM (NEUTRAL FOAM CLEANING AGENT)

Neutrofoam is foam cleaning agent developed for daily use in the Food and Beverage Industries. The product is a perfect blend of high foaming surfactants and EDTA. The presence of surfactants offers an improved sanitizing action and EDTA provides a strong detergent effect. It is very effective for use on a wide variety of applications ranging from effective removal and prevention of food soiling, scale deposits and oil stains.



CLEANING & SANITATION SOLUTION FOR BREWERY & BEVERAGES

BOTTLE WASHER PROGRAMS

- SATOL KAP (Bottle Washing Caustic Additive -Phosphate base) - This product is having excellent performance as caustic additive in Returnable Glass Bottle Washing by resulting in low consumption of caustic soda, maximum penetration and wetting of labels, excellent bottle shining and micro biological cleaning of glass bottles.
- SATOL PF (Bottle Washing Additive Phosphate free) - EDTA based caustic additive for Glass Bottle Recycling and Washing. It reduces consumption of Caustic Soda with better penetration and metallic label removal, thus resulting into microbes free & streak free cleaning.
- 4. SATOL A (Booster for Bottle Washing) Liquid Emulsifier specially developed for boosting penetration property in caustic bath. Increase the wetting ability of metallic label which is not easily removed in normal condition. It provides fast penetration effect in high alkaline & high temperature.
- 5. SATOL DF (Defoamer for Bottle Washer Machine) -It is an innovative and effective industrial foam controller with its application in Food & Beverage Industries. It is silicone based, specially developed concentrated liquid defoamer product. It provides efficient, cost effective defoaming at low use concentrations.

SATOL'S BOTTLE WASHER RINSE TREATMENT

Pre - final rinse treatment involves the dosing of a rinse additive, Satrinse AL a specified use concentration into the pre-final rinse section of the bottle washer. Satrinse AL must be used at a pH of 7-8 for optimal effectiveness. To maintain the pH in the range 7-8 Satrinse PA is to be dosed.

SATRINS - AL (Liquid Additive to Alkaline Agents)

SATRINS - AL is Liquid additive to alkaline washing agents for automatic bottle washers in the brewing and beverage industries.

SATRINS - PA (Bottle Washing Pre Final Rinse Treatment)

SATRINS - PA is Liquid additive to alkaline washing agents for automatic bottle washers in the brewing and beverage industries.

CONVEYOR CHAIN LUBRICATION / TRACK TREATMENTS

- "

 SATLUBE SD (Semidry Conveyor Chain Lubricant)

 It is a semidry conveyor chain lubricant in liquid form with cleaning and germicidal properties for chain conveyors in Food & Beverage Industries. It is a specially developed synthetic lubricant product for transportation of the goods in glass bottles, cans and PET bottles.
- SATLUBE LF (Synthetic Conveyor Chain Lubricant) Soap free synthetic lubricant in liquid form with
 cleaning and germicidal properties for chain conveyors
 in Brewery & Beverage Industries. It is a specially
 developed product for transportation of the goods in
 glass bottles.
- SATLUBE MAX (Semi Dry Conveyor Chain Lubricant)

 It is a specially developed semi-dry lubricant product for transportation of the goods in glass bottle, cans and PET bottles with considerable water usage reduction for chain conveyors in Food & Beverage / Brewery Industries.
- SATODRY (Dry Conveyor Chain Lubricant) Concentrated conveyor chain lubricant, specially
 designed product to be used as a concentrate with no
 water dilution required and it is suitable for
 transportation of the goods in PET bottles and cans on
 flat top conveyor chains.





CLEANING IN PLACE (CIP) CLEANERS & SANITIZERS

- SATONIL PA (5 & 15%) (Cold Sanitizer based on H₂O₂ and PAA) Fast action sanitizer based on stabilised Hydrogen Peroxide and Peracetic Acid and highly effective against most of the micro-organisms and viruses in cold water. Peracetic Acid provides fast sanitizing and Hydrogen Peroxide renders the product suitable for flushing or immersion.
- SATOCID (Low Foaming Acidic Cleaner) Low foaming acidic cleaner cum sanitizer for CIP. Effective removal of beerstone from tanks and vessels without any effects on material of construction.
- SATOL AC (Alkaline Caustic Additive) Alkaline
 Caustic Additive, which is a combination of highly
 concentrated cleaner with low foaming surfactants for
 reducing surface tension and cationic disinfectant for
 quick sanitation. Usage reduces the caustic soda
 consumption with excellent cleaning results.
- 4 SATOL HAC (High Alkaline Cleaner) SATOL HAC is Liquid alkaline cleaning agent for CIP systems and continuous washing plants in the food industry with excellent De-Foaming effects.

OPEN PLANT CLEANING

- SATFOAM CL (Alkaline Chlorinated Foam Cleaner) The product is a perfect blend of potassium hydroxide,
 high foaming surfactants and hypochlorite developed
 for open plant cleaning requirements. The presence of
 surfactants offers an improved sanitizing action and
 potassium hydroxide provides a strong detergent
 effect.
- SANIFOAM (Acidic Foam Cleaner) Acidic foam cleaner developed for cleaning applications in food processing industries such as beverage, dairy and brewery units. It is a perfect blend of inorganic acid and foaming agents.
- neutrafoam (Multipurpose Liquid Cleaner) Developed for daily manual cleaning applications of
 tanks, crates, cans, floor, trays and other process
 areas. It is a combination of Anionic, Non Ionic base
 surfactants and Sequesting agents. Non Ionic
 surfactants reduces the surface tension, Anionic
 surfactant gives cleaning effect and Sequesting Agent
 results in descaling.

PASTEURIZER CHEMICALS

- SATOL OR (Pasteurizer Biocide) It is specially developed effective industrial odour controller product for prevention of growth of algae and slime in
- circulating fluid section of pasteurizer zone. It provides efficient, cost effective microbiological control at low use concentrations. It protects the aqueous phase from microbial growth and work as biocide against odour causing bacteria.
- SATONIL QUAT (General Purpose Disinfectant) This
 product is an excellent combination of various cationic
 surfactants and sequestering agent which results in
 efficient soil removal and disinfection of the surface.

COOLING TOWER TREATMENT

- SATOGUARD (Cooling Tower Water Treatment) It is a specially developed formulation of high strength Peracetic Acid for the treatment of cooling tower water. It takes care of all the zones of water cooled cooling systems such as evaporator zone, chilling and open section. The problem areas addressed through SATOGUARD are scale formation, microbiological growth, pH control and fouling.
- SATOL AS (Anti Scaler) It is a liquid antiscalant for total control with all kinds of water quality in water systems. This product ensures that the water can be reused for more cycles which will have further efficient and economical operation for water treatment in open & closed systems. SATOL AS is especially developed to prevent the mineral scales, corrosion by-products as well as organic fouling.

PETJAR CLEANING PROGRAME

SATOCID - JC (PET JAR CLEANER) : It serves as a low foaming heavy duty, non foaming acidic cleaning compound for use in a wide range of CIP applications in the Dairy, Food and Beverage industry and also used for PET Jar Washing for package drinking water. The product is highly effective at removing inorganic scale deposits, including Magnesium and Calcium, phosphates with protein milk stone, calcium oxalate. It is low foaming and suitable for use in CIP applications under conditions of high pressure and turbulence. It contains chelants, non ionic surfactants and acids for imparting crystal shine cleaning of PET jars. Satol is ISO certified company that specializes in the manufacturing of Cleaning Chemical for Food and Beverages Industry. It is also established to be among India's renowned Cleaning Chemical manufacturer having its facility in Himachal Pradesh.

CLEANING & SANITATION SOLUTION

ACIDIC CLEANER (WEEKLY CLEANER)

Acidic Cleaner is acidic nature foamless cleaner developed for daily use in the Food Processing Industries, especially at Milk Collection & Processing Units. It is a perfect blend of inorganic acids and non foaming surfactants. It is very effective for use in daily cleaning applications of Milk Collection and Processing Equipments like milking machines, bulk milk coolers etc.

ALKALINE CLEANER (DAILY CLEANER)

Alkaline Cleaner is liquid alkaline foamless cleaner developed for daily use in the Food Processing Industries, especially at Milk Collection & Processing Units and Sea Food Processing Industries. The product is a perfect blend of Non Foaming Surfactants and Sodium Hypochlorite. The presence of surfactants offer wetting action and potassium hydroxide provides a strong detergent & descaling effect. It is very effective for use in daily cleaning applications of Milk Collection and Processing Equipments like milking machines, bulk milk coolers etc and removal of fish fats in Sea Food Processing.

SATOL - HAC (HIGH ALKALINE CLEANER)

SATOL HAC is Liquid alkaline cleaning agent for CIP systems and continuous washing plants in the food industry with excellent De-Foaming effects.

SATOL - ECODS (Acidic Cleaner For Milking Machine Analyzer)

ECO DS is a acidic de scaler can replace nitric acid with non foaming, low fumes, low corrosive with good rinsibility contributing low ETP local and nitrite in CIP system where nitric acid is used will save gasket and reduce employee handling risk.

ECO CARE (Perfumed Liquid Gel)

Product is a Satol perfumed liquid gel which is an effective hygiene and sanitation gel for hands leaving a pleasant smell and it is an appropriate moisturizer.

ECO CLEAN (Multipurpose Liquid Cleaner)

ECO CLEAN has been developed for the current requirement of Industrial & Institutional Cleaning in the Food & Beverage Industries as well as





Housekeeping Applications can be applied as cleaner for tanks, crates, cans, floor, trays and other process areas. is effective for cleaning of kitchen utensils, glassware, floors and oily surfaces. is safe on various surfaces like: Stainless Steel, Aluminium, Plastic, Rubber, Fiberglass and all other materials utilized in Food Processing Units.

SATOL HP 100 ((Oxy Multipurpose Cleaner)

SATOL HP 100 is a foaming type excellent cleaning agent with formulation suitable for hygienic cleaning and sanitation of floors, tanks, equipments etc in Food Processing Industries & Housekeeping areas. It releases active oxygen while cleaning the surface with its detergency action and removes all oxidisable entities present.

SATLUBE - SD (Semidry Conveyor Chain Lubricant)

SATLUBE SD is a semidry conveyor chain lubricant in liquid form with cleaning and germicidal properties for chain conveyors in Food & Beverage Industries. It is a specially developed synthetic lubricant product for transportation of the goods in glass bottles, cans and PET bottles.

SATOCID - JC (PET JAR CLEANER)

SATOCID - JC serves as a low foaming heavy duty, non foaming acidic cleaning compound for use in a wide range of CIP applications in the Dairy, Food and Beverage industry and also used for PET Jar Washing for package drinking water. The product is highly effective at removing inorganic scale deposits, including Magnesium and Calcium, phosphates with protein milk stone, calcium oxalate. It is low foaming and suitable for use in CIP applications under conditions of high pressure and turbulence. It contains chelants, non ionic surfactants and acids for imparting crystal shine cleaning of PET jars. Satol is ISO certified company that specializes in the manufacturing of Cleaning Chemical for Food and Beverages Industry. It is also established to be among India's renowned Cleaning Chemical manufacturer having its facility in Himachal Pradesh. Your search for good quality Jar Cleaning Chemical supplier ends here.

SATRINS - AL (Liquid Additive to Alkaline Agents)

SATRINS - AL is Liquid additive to alkaline washing agents for automatic bottle washers in the brewing and beverage industries.



SATRINS - PA (Bottle Washing Pre Final Rinse Treatment)

SATRINS - PA is Liquid additive to alkaline washing agents for automatic bottle washers in the brewing and beverage industries.

SATOL - AF (ANTI FOAM)

SATOL - AF is an organic defoamer especially formulated for the production of Potato (Starch, French Fries, Chips) as well as for sugar production. It performs exceedingly well to control foams in all types of fermentation processes.

SATOL FREEZE CLEAN (Freeze Cleaner)

SATOL FREEZE CLEANER is an alkaline cleaner formulated for use in refrigerated or freezer environments down to 20° F (28.9°C)

SATOL NEUTROFOAM (Neutral Foam Cleaning Agent)

Neutrofoam is foam cleaning agent developed for

daily use in the Food and Beverage Industries. The product is a perfect blend of high foaming surfactants and EDTA. The presence of surfactants offers an improved sanitizing action and EDTA provides a strong detergent effect. It is very effective for use on a wide variety of applications ranging from effective removal and prevention of food soiling, scale deposits and oil stains.

ECO DS is a acidic de scaler can replace nitric acid with non foaming, low fumes, low corrosive with good rinsibility contributing low ETP local and nitrite in CIP system where nitric acid is used will save gasket and reduce employee handling risk.

SATOL IPA: It is a direct hydration process, producing a colorless product of high purity, with no undesirable odor or by-product formation. The product meets international quality standards for use in pharmaceuticals, coatings and inks, specialty chemicals and cosmetics. For critical applications in the pharma sector



Scrubbers & Polishers



Folding / Adjustable Handle



Large Solution Tank

Designed specially for aggressive deep cleaning with ultrahigh speed, the **SATOL** single-disc scrubber **S14** offers multipurpose usage for all types of hard floors and cleaning jobs, for scrubbing, buffing and carpet cleaning.

Maintenance-free single phase - a synchronous motor gives long life and reduces costs. Ideal for floor stripping, spay cleaning and dust collection in hotels, hospitals, industrial shop floors, workshops, etc.

Unique in handle adjustment, suitable for any user. All functions are controlled from the operator handle with an in-built safety grip for easy maneuverability. The low offset motor gives the optimal performance.

	T
	1
•	S14

Model No	Motor	Voltage	Main Cord	Sound Level	Speed	Weight	Size
S14	1100 W	220-240V AC 50Hz	12m	55(Db)	154 rpm	43 Kgs	555x470x330 mm

High Pressure Cleaners

These **High-Pressure Cleaners** are highly specialized multifunctional machines with exceptionally reliable safety assurance. These High Pressure Cleaners are suitable for cleaning and washing big warehouses, supermarkets, malls, farmhouses, golf courses, hotels, hospitals, swimming pools, cars etc.

All machines come with features such as ceramic pistons, stainless steel boiler, safety valve and total stop. Standard accessories include appropriate size of hoses, spray lances, nozzle and trigger guns.







Model No	Power	Motor Power	RPM	Pressure	High Pressure Hose	Water Delivery	Max. Water Inlet Otlet Temp.	Power Cable	Weight	Size
S-CCW150	230V - 50 HZ	2800 W	2800	150 bar	8 mtrs	540 l/h	40°C	5 mtrs	28 Kgs	350 x 400 mm
S-CCWP160	230V - 50 HZ	3000 W	1450	160 bar	10 mtrs	540 l/h	40°C	5 mtrs	33 Kgs	760 x 410 x 750 mm
S-CHW 150	230V - 50 HZ	3000 W	1450	150 bar	10 mtrs	540 l/h	40/140°C	5 mtrs	113 Kgs	940 x 650 x 900 mm

3 Phase Heavy Duty Pressure Cleaners

Model	S-160
Working Pressure	160 Bar
Max Working Pressure	175 Bar
Water Flow Rate	13 Ltr./Min.
Max. Intel Water	60°C
Electric Supply	Three Phase, 415V
Electric Motor	5 HP, 1450 RPM, 50Hz
Mounting	MS Trolley (Open Body)



Pump: Triplex reciprocating pump, brass pump head, ceramic piston, stainless steel valves, safety valves with water inlet coupling and filter.



Chemical Sprayer

A compression sprayer with a 5-litre working capacisty, with a translucent tank to see the liquid lavel, fibreglass lance, chamber shut-off valve in viton, ergonomic handle filter with viton seals and stainless steel spring.



5 Ltr Chemical Dispenser



5 Ltr Chemical Sprayer



Pneumatic Fogger

Model : Electrically operated aerial fogging system.

Power Supply : 220-240 volts, 50/60 Hz AC, 4.0 Amps, Single phase supply. Available on specific order

request: 110-120 Volts, 60 Hz AC, 9.0 Amps

Sound Level : db < 84 dB

Chemical fogged : Disinfectants, biocides, Fungicides, Pesticied, Anti mildew chemicals.

Capacity of tank (net) : 5.0 litres

Droplet Size tested : Sub Micron (less than 1 micron)

Jet throw in closed Room : 50 feet distance, 25 ft height (still air conditions)

Metering system : 45-50 ml/minute (Fix flow system)

: Metering valve available for specific application. Optional



Electric Fogger



Premium Grade SS Tank Set

Non Reactive Engg. Plastic Tank Set

SPECIFICATIONS

Power Supply: 220V AC, 50 or 60 hz Aerosols: Submicron size(non wetting) Spread & Reach: 50 ft. distance & 25.ft. height

Space Treatment: Upto 15000 cu. ft.

Treatment of 100 sq. ft. area: 200ml, disinfectant solution

Nozzle Assembly: Non clogging design—Stainless Steel needle non reactive Engg. plastics. Precision Metering System: 5 Litre Stainless Steel Gr. 304 (Autoclavable) Liquid Filling Nipple -SS 304 or Engg. Plastics Tank Set 5 Ltr. Capacity with Graduated Markings Tank Gasket - Silicon Grade Silicon Tubing: Complies to FDA & USP CLASS VI.

Machine Handle: Stainless Steel Mounting Ring: Stainless Steel Strainer: Stainless Steel Liquid Line Connectors: Stainless Steel

Hardware: Stainless Steel

Intake Air Filter: Uniquely designed Two layers for dust & fog separation

Machine Weight: 7.0 kg portable. (with SS Tank set) Machine Weight: 6.0 kg portable. (with Plastic Tank set)

Dish Washing Pumps

Ideal applications include under-counter washers, glass washres, and small commercial machines.

SPECIFICATIONS:

- Dual voltage (115/230 VAC) or high voltage only (230 VAC) models
- Mini quick change pump allows tubing replacement in seconds.
- Complete pump assembly removes without tools.
- Units programmed via plug in 2 button programmer.





Dosatron Injector

SPECIFICATIONS

Injection range: 0,2 - 2 % [1:500 - 1:50] Water flow range: 10 l/h - 2,5 m3/h Operating water pressure: 0,3 - 6 bar

Concentrated additive injection: 0,3 l/h - 200 l/h

Stroke volume : \sim 0,45 I Connections : NPT-BSP 3/4 $^{\circ}$ M



Industrial Wet & Dry Vacuum Cleaners



Comprehensive range of multipurpose accessories for daily wet and dry cleaning, depending upon the type of application.

ADVANTAGES: Durable flexi-hose, washable and reusable filter, and a motor that can run without breaks over considerably longer periods.

Additional accessories available on request.

Model No	Power	No. of Motors	Volts	H20 for Lift (mm)	Emv ‰s- (ltrs/sec)	Capacity	Weight	Size
S 15	1000 W	1	220 - 240 / 50Hz	1800	48	15 L	13.5 Kgs	610 x 435 x 435 mm
S 30	1000 W	1	220 - 240 / 50Hz	2000	53	30 L	14 Kgs	810 x 435 x 435 mm
S 260	2000 W	2	220 - 240 / 50Hz	2200	106	60 L	26 Kgs	990 x 630 x 565 mm
S 360	3000 W	3	220 - 240 / 50Hz	2400	120	60 L	26.5 Kgs	990 x 630 x 565 mm
S 380	3000 W	3	220 - 240 / 50Hz	2600	160	80 L	28 Kgs	1085 x 630 x 565 mm

All Pictures shown are for Illustration purpose only. Standard Accessories may vary.

Laundry Pump

The Smart Series provides operators of professional laundry facilities of all sizes - from OPLs to industrial laundries - with a prackage of realiable, fleaxible solutions for precise, consistent chemical dosing.

Covering washer-extractors and tunnel washers from 25kg to 100kg, the Smart Series pumps can dose up to three chemicals simultaneously, with the option of fixed or selectable flow rates.

The Smart Series is capable of serving 2-7 pump systems with as many as 20 wash formulas, providing excellent chemical compatibility courtesy of high-grade Santoprene and Neoprene tubing.

The dedicated Smart Spring controller and Smart Programmer complete the Smart Series range for a packaged professional Laundry solution that provides total dosing management.





4 in 1 Chemical Dilutor



Auto Dispenser



Heavy Duty Foamer

- Air operated (1.4 to 6.9 bar)
- · Super durable, polythylene hand-truck is chemical and corrosion resistant.
- High foaming capacity.
- Most versatile foam quality of any air operated system.
- · Long lasting, polypropylene air operated pump with Viton, Santoprene or Teflon seals.
- Longer throw and broader coverage.
- Air pump is engineered for aggressive acids, alkalines, and chlorine.
- · Simple operation and user friendly.

Wall Mount Foamer

It is powered by the 4 GPM or 5GPM (15 LPM or 18.9 LPM) air operated pump



Mobile Foam Unit



Hand Dispenser







500 ml



Action Gap backflow with 4 gpm (16 litres / minute) proportioner



SATOL NETWORK...









Manufacturing Unit

Head Office - Mumbai

R & D Centre - Mumbai





Stock Point - Mumbai

Export Presence



- KITCHEN CARE
 ROOM CARE

- FLOOR CARE
 LAUNDRY CARE
- TOILET CARE■ and many more....



SATOL CHEMICALS

CORPORATE OFFICE:

102, First Floor, Shreemad Gokul, Off Devidas Lane, Behind M.C.F. Club, Borivali (West), Mumbai - 400 092, INDIA. Tel.: 022-28913865 Telefax: 022-28900879 Email: satol@vsnl.net Website: www.satol.net

MANUFACTURING UNIT: SATOL CHEMICALS LIMITED

Plot No. 4923, Near Technotrap, Plastic Zone, Manda Village, GIDC Sarigam, Tal. Umargam, Dist. Valsad, Gujarat - 396 155, Email: info@satol.net

