

Winner of the



THE QUEEN'S AWARDS
FOR ENTERPRISE:
INNOVATION
2002

tic[®]

Total Integrated Chemical Programme



SIR CLEAN.COM



TOTAL INTEGRATED CHEMICAL PROGRAMME

A superior system for cleaning, dust control and mopping of floors

- **FILTAKLEEN MOPPING DETERGENT**

for all General (non-grease) areas such as Schools, Hospitals, Entranceways, Public Buildings etc

- **SCRUNGE MOPPING DETERGENT**

for food related areas, restaurants, kitchens & canteens. In fact any areas where grease and Particization needs to be dealt with.

- **PARTICLIZATION**

The highly dangerous state brought about by food and grease particles.

- **SEE THRU BUCKETS & CHEMICAL PORTION CONTROL**

Each and every Mop Combo is available in clear high grade Polypropylene. Supervisor and user can observe the state of the chemical cleaning solution in the bucket at all times. No need to change the water! Each individual mopping unit also has a built in chemical compartment. No label reading, no overdosing. Simply squirt and mop.

- **SPUN LACE, ERGONOMICS & THE MAGICAL FLOOR SQUEEGEE**

When the workers get the right tools they can do the right job. The system is fully compatible with other vitally important SYR products that enhance the productivity of the TIC programme

- ***tic*® SYSTEM**

is fully compatible with other vitally important products that enhance the productivity of the TIC programme



A simple inexpensive solution to a dusty, dirty problem



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tic[®] Floor Mopping Chemicals

For over 100 years dirt has never properly been removed when floors are swept or mopped. Instead, large amounts of dirt have always been left on the floor as wet residue, or transferred from the mop bucket back to the floor.

Now TIC Detergents integrated with utterly unique Mopping Products change ghastly failure to instant success.

FILTAKLEEN

WITH THE GREAT POWER OF
SOIL SEPARATION

Soil Loves to Float

Dirt by its very nature suspends itself in water. Conventional detergents increase the suspension process.

Dirt as Silt

The slightest disturbance causes dirt to rise and mix with the water in the bucket.

Making the Problem Worse

The whole chemical industry for over a century has claimed, "For detergents to work they have to hold dirt in suspension". We have proved them wrong, clean water cleaning makes sense.

Filtakleen has 3 very distinct purposes

- #1. Filtakleen cleans the water in the bucket utilising long chained molecules called flocculents. Soil particles attached to the molecules drop rapidly to the bottom of the bucket where they are trapped by the sump and grid system.
- #2. Filtakleen contains a balance of surfactants which concentrate on cleaning the floor by raising and lifting soil particles from the surface. These same surfactants also clean the fabric of the mophead.
- #3. Trace polymers allow the floor to be buffed, letting Filtakleen act as an extremely efficient floor maintainer. This added feature does not in any way increase the risk of slip fall injury.

Grids and filters coupled with unique bucket and wringer design now allow floors to be cleaned without re-application of dirt back to the floor and without changing water and detergent during the shift.



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SUCCESS ! The success of the Filtakleen system is unparalleled. One single mop bucket coped with mountainous dirt (soil) problems. Buckets no longer needed to be changed until the end of the shift, saving massive amounts of money. Huge areas throughout Schools, Colleges, Hospitals and many other buildings became even cleaner.

Food areas however, such as Kitchens, Canteens and Restaurants need an entirely different type of chemical to deal with an entirely different type of particle.



tic® **FILTAKLEEN**

A Totally Integrated Chemical Product

MOPPING DETERGENT
for **NON-GREASE** areas

- Clear -Water Cleaning
- Squeaky Clean



Floor Mopping Chemicals

It is vital to clearly understand the cleaning requirement of grease affected floors in Kitchens, Canteens and Restaurants.

Unique chemicals that integrate with specialised mopheads and purposely designed mopping equipment are vital to produce standards of safety and cleanliness necessary for these particular areas.

SCRUNGE

WITH THE UNIQUE QUALITY TO DEAL WITH GREASE AND PARTICLIZATION

Particles

The difference between particles found in food related floor areas and those in non grease sectors is enormous (see Particlization over page). The two factors of Scrunge and properly designed tools deal a death blow to both Particlization and grease.

Scrunge

The formulation of Scrunge is designed to destroy and prevent the dangerous condition of Particlization (see over page). Because it is so uniquely interconnected with the specialised SYR mopheads and mopping equipment, results are guaranteed. No other chemical system anywhere in the world comes close to Scrunge when it is accompanied by the tools it is designed to work with.

Risk of Slips and Falls

By any measure, now professionally available Scrunge, coupled with its designated tools produces the safest floor condition.

Co-efficiency, related to Scrunge produced floor conditions, is consistently measured at a safer level than any other mopping process anywhere in the world.



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The Story of Particlization

All manner of things fall onto the floor and get ground in.

PARTICLIZATION AND MOPPING

GREASE MOLECULES AND SPILLAGE OF FOOD PARTICLES
CREATES PARTICLIZATION

Main Factors

There are two main factors that influence the conditions related to food area floor cleaning and particlization.

1. Airborne grease particles coupled with grease carried on the soles of feet or dropped accidentally on the floor.
2. One-pass mopping and sweeping that is used regularly. This technique is not in any way effective. It may make the place look reasonably clean but such actions can and do result in deadly risk being established.

Equipment

The condition now exists of particles of grease, meat, bread, sugar and pop spillage ending up on the floor, being trodden on constantly by the soles of shoes. Then we have inappropriate mopping and sweeping equipment being used to regularly develop a smooth, slip-creating, secondary surface on the floor, cutting out the good, reliable, safe C.O.F. (Coefficient of Friction) of the actual floor surface.

Ever Worsening

Particlization is born. Regular conventional mopping creates an ever-worsening situation. More particles make the condition worse, especially grease. On and on it goes. The place looks clean, but every hour there are more particles, grease, feet and then improper mopping and sweeping. The Particlization film "creeps" almost like ice. Simply applying chemicals on or over its surface makes the state of Particlization become a lot worse.

Scrunge

Ice can be melted with salt from the top, but Particlization must be tackled underneath, between the skin and the surface of the floor. Scrunge® is formulated to break up secondary films and along with other TIC® tools does exactly that. Once the skin is "pierced" by the specially designed TIC® mophead scrubber it allows Scrunge® to "creep" beneath the surface of the Particlization film and break up the structure so that the condition itself cannot function or re-establish itself.

See Thru Mopping

Like Filtakleen, Scrunge also performs best in a specialised tall bucket with an ergonomic wringer, grid and sump system that has the ability to store huge amounts of soil particle and sludge. It is this aspect that lends itself to SYR's latest development within the TIC® system, that is "See Thru Mopping".

In food areas the "sludge", made up of food particles and grease is constantly observed so that the much cleaner water remains above the sump and grid area.



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Particulation - It All Starts Here ...



... And Ends Up Here With A Hard Skin

Get Rid Of It With *tic*[®]



Now you have a perfectly squeegeed, clean, SAFE floor



See Thru Buckets and Chemical Portion Control

Cleaning with dirty water has been going on for well over 100 years.

CLEAR BUCKETS AND PORTION PODS

USE "CLEAN WATER CLEANING"

Unique Plastic

Up until recently there was no reliable method of quickly discovering how dirty the water in a mop bucket has become. Now everything has changed.

SYR has developed a unique plastic that will allow the cleaning operator to clearly observe exactly how dirty the water is at any time. This crucial benefit will increase the standard of cleaning in Britain, in effect, the improvement will do away with pretending to clean with dirty water which has been going on for over 100 years.

Confidence

You will be able to see the results of TIC® "Clean Water Cleaning" before your eyes. The sump area after a few minutes mopping becomes blacker and the clean water area above is relatively clear. This process gives the cleaner enormous confidence, especially when the situation is still working two hours after first starting.

Huge Savings

SYR's Totally Integrated Chemical Programme TIC® allows customers to make huge savings in detergent expenditure. Up until recently this saving was best achieved by using sachets packed to meet the specific requirement of each bucket. In one way this was simple but in other ways ineffective.

Portion Pod

Now each SYR TIC® mop bucket has its own built in Detergent Portion Pod Control. This compartment works in such a common sense manner that people marvel at its effective ease of use. The cleaner squeezes the detergent from a squirt bottle into the Portion Control Pod and almost before the bottle is back in the cupboard the bucket has received the exact portion needed for up to four hours cleaning. The savings are massive.



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THE CLEAR SOLUTION





Spun Lace, Ergonomics and The Magical Floor Squeegee

Everyone needs the right tools to do the right job

THE MAGICAL METHOD FOR SAFE FLOORS

ORDINARY MOPS LEAVE FLOORS TO DRY FOR UP TO 10 MINUTES

Likelihood of Injury

Virtually without fail, floors are left soaking wet after mopping.

The average floor drying time following mopping with a socket or short-handled mop is between six and eight minutes. The likelihood of injury caused by slipping is at its greatest when floors are wet and greasy. Socket mops and short-handled wringers and low level mop buckets create both these conditions.

The Imperative

It became obvious just how important floor squeegeeing was going to become whilst at the same time the need for a simple ultra fast pick up drying system became imperative.

This imperative came from the revelation that mopping of floors had to be completed with the use of floor squeegees if safety was to be guaranteed. The flooding left behind by traditional mopheads was too great when the residue was removed by floor squeegeeing. Normal mopheads whilst absorbent to a certain extent could never eradicate the 6 to 8 minute drying time and the grease filth residue left by normal mopping.

Spun Lace

Material produced by the non woven industry is used for various purposes such as face masks, tea bags and hospital gowns. Some of that material is super absorbent. Spun Lace is one non woven technique that lends itself to the production of material that is highly absorbent. We had to design and build specialised machinery to convert this material and turn it into mopheads.

Ergonomic Buckets and Wringers

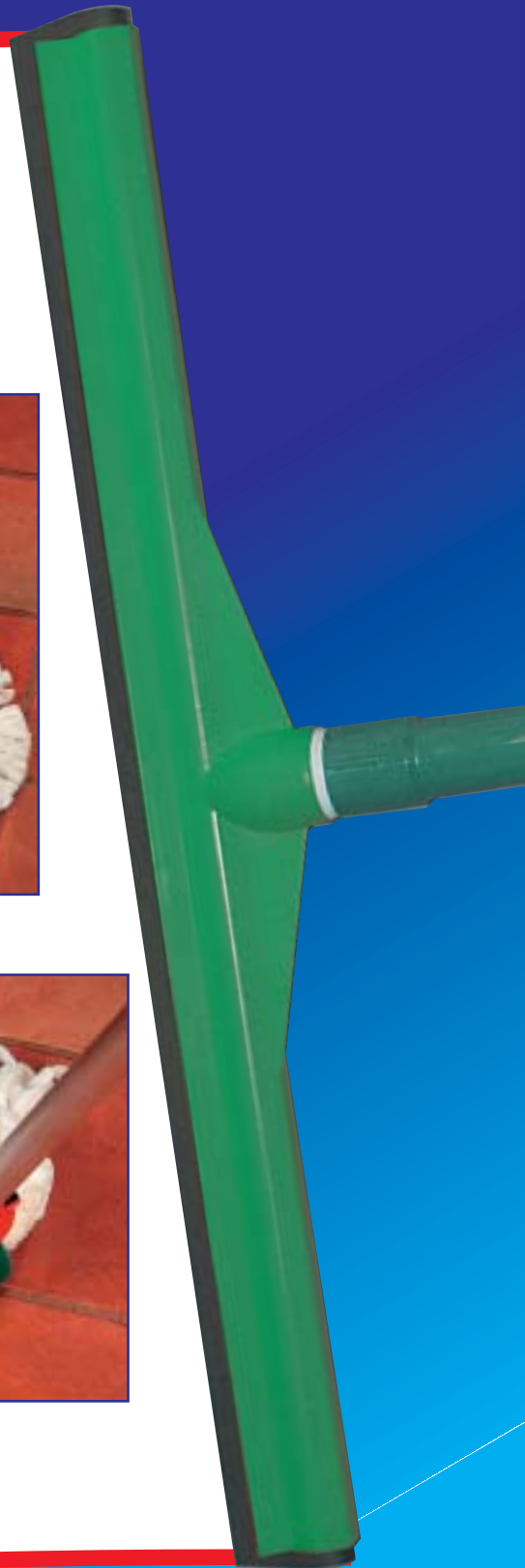
Using High Towered Buckets and Long Levered, Ergonomically designed wringers you can extract the maximum amount of water from these mopheads

The Method

By now integrating the floor squeegee to collect the excess water from a mopped floor and picking up that small residue with a spun lace mophead, you can guarantee a perfect dry, safe floor every time,
INSTANTLY.



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Fully compatible with other vitally important products to enhance productivity

COMPREHENSIVE COMPATIBILITY

MANY OPTIONS MAKE LIGHT WORK

Integration

TIC integrates with a vast array of other tools in the SYR range to give an overall system that is greater than the sum of its parts.

Interchange

A great many of these tools belong to the Interchange Range (see separate brochure). The beauty of Interchange lies in the ability of the user to operate with just one handle and being able to change the tool head at will without having to touch any potentially dirty parts.

High or Low

Interchange handles come in a variety of lengths to suit every application. From reaching over a bath to scrub tiling to dusting difficult to get at places 25 feet above your head, the tools are available.

Increased Productivity

By integrating these tools with the TIC programme, productivity increases manyfold. Optional tools include : Mopheads, Deck and Grout-line Brushes, Brooms, Floor Scrapers, Floor Squeegees, Dusting and Damp Mopping, Specialised Brushware, Window Cleaning and of course Ergonomic Buckets and Wringers.

Benchmark

In many areas SYR have consistently stepped up to the plate and set the Benchmark for Standards within the Cleaning Industry. Enjoy your Freedom with TIC.



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