

SANOFORM CS-2 IS A QUATERNARY AMMONIUM  
GERMICIDE

IT IS EFFECTIVE IN THE CONTROL OF STAPHYLOCOCCUS,  
CUN. STREPTOCOCCI, SALMONELLA, TYPHOID, CHOLERA,  
AND TRICHOPHYTON INTERDIGITALE ATHLETE'S FOOT FUNGUS ON ENVIRONMENTAL SURFACES.

WHEN USED AS DIRECTED IT IS COLORLESS, NON-  
FLAMMABLE AND NON-CORROSIVE TO METALS, RUBBER AND PLASTICS.

IT WILL NOT SPOT ANYTHING THAT ORDINARY SOAP AND WATER WILL NOT SPOT.

USES

**TO DISINFECT AND DEODORIZE**

- TOILETS — SHOWERS — URINALS
- WALLS — LOCKERS AND LOCKER ROOMS
- FLOOR AREAS SURROUNDING SWIMMING POOLS AND OTHER FLOORS
- METAL FURNITURE — REFUSE CANS
- TELEPHONES AND OTHER ENVIRONMENTAL HARD SURFACES
- CONTROLS UNPLEASANT ODORS



ONE GALLON EPA REG. NO. 781-4

FUNGICIDE • DISINFECTANT • DEODORANT

ACTIVE INGREDIENTS  
QUATERNARY AMMONIUM CHLORIDE 1.00%  
WATER 99.00%  
NET WEIGHT 128 FL. OZ. (3.78 L.)

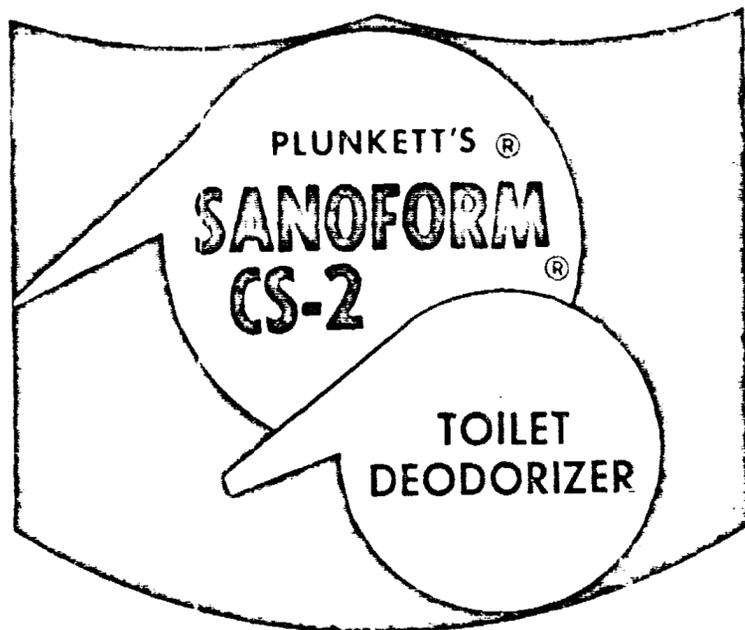
**CAUTION:**

KEEP OUT OF REACH OF CHILDREN  
AVOID CONTAMINATION OF FOOD, AVOID INHALATION AND CONTACT WITH SKIN AND EYES. IN CASE OF CONTACT, WASH THOROUGHLY WITH WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.

**ACCEPTED**  
JAN 22 1973  
UNDER THE FEDERAL INSECTICIDE  
FUNGICIDE AND RODENTICIDE ACT  
FOR THE FEDERAL REGISTER  
ED UNDER NO. 781-4 SUBJECT  
TO ATTACH COMMENTS.

D14-13589

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ONE GALLON EPA REG. NO. 781-4

FUNGICIDE • DISINFECTANT • DEODORANT

ACTIVE INGREDIENTS  
SANOFORM CS-2 95.0%  
INERT INGREDIENTS 5.0%  
NET WEIGHT 128 FL. OZ. (3.78 L.)

**CAUTION:**

KEEP OUT OF REACH OF CHILDREN.  
AVOID CONTAMINATION OF FOOD. AVOID INHALATION AND CONTACT WITH SKIN AND EYES. IN CASE OF CONTACT WASH THOROUGHLY WITH WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.

**DIRECTIONS**

DO NOT MIX SANOFORM CS-2 WITH SOAP OR DETERGENT. USE FULL STRENGTH.

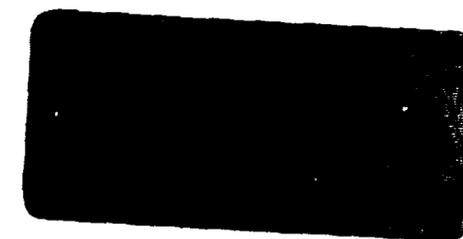
1. TO DISINFECT AND DEODORIZE TOILETS AND URINALS—
  - (a) Clean all surfaces well. Flush to rinse.
  - (b) Use swab to push water over trap. Transfer Sanoform CS-2 to a good spray apparatus. Spray by holding nozzle a few inches from surface, making sure that fixtures are thoroughly wet.
  - (c) Spray on and under edges and overhanging rims.
  - (d) Spray both sides of toilet seat and leave in upright position to air dry.
2. TO DISINFECT FLOORS, WALLS AND OTHER ENVIRONMENTAL HARD SURFACES—
  - (a) Clean all surfaces well. Rinse.
  - (b) Wipe or sponge all surfaces thoroughly with Sanoform CS-2. Wipe dry.
3. TO CONTROL ROOM ODORS—
  - (a) Spray downward and around room for about 5 seconds.

DO NOT REUSE EMPTY CONTAINER. DESTROY BY PERFORATING OR CRUSHING. BURY OR DISCARD IN A SAFE PLACE.



**PLUNKETT CHEMICAL COMPANY**  
CHICAGO, ILLINOIS 60609 • PATERSON, NEW JERSEY 07503  
IN CANADA: PLUNKETT CHEMICAL CO. (CANADA) LTD., HAMILTON, ONT.

D14-13589





**ACCEPTED**

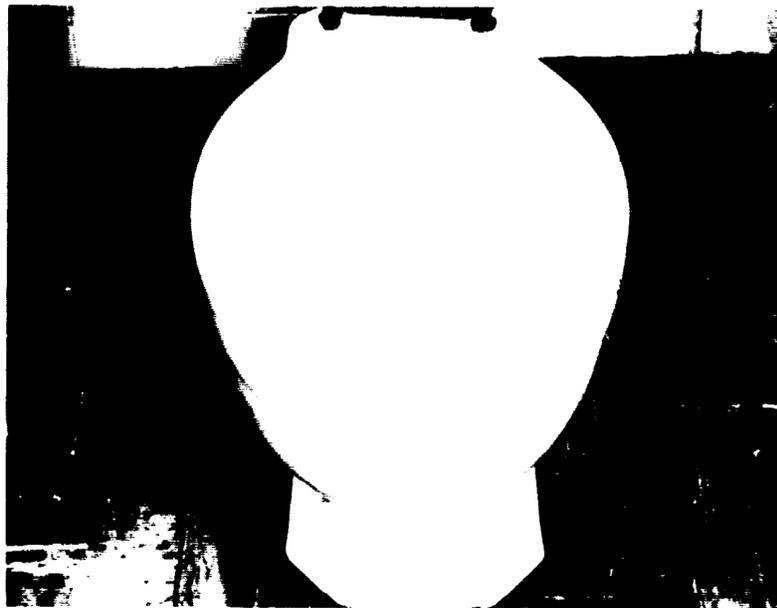
JAN 22 1973

UNDER THE FEDERAL INSECTICIDE  
FUNGICIDE AND RODENTICIDE ACT  
FOR ECONOMIC POISON, REGISTER-  
ED UNDER NO. 237-4, SUBJECT  
TO ATTACHED COMMENTS.

## **The Plunkett Blue Ribbon Sanitation Control Program**

- Insures really clean washroom fixtures
- Reduces your overall janitorial costs
- Reduces your cost of supplies
- Kills offensive odors
- Prolongs life of your pipes and fixtures
- Makes daily maintenance easier and faster

**A large percentage of the fixtures that are surface-clean...**



**are dirty and unsanitary below their surface**



*(Cut away photograph of toilet bowl)*



Believe it or not, most washroom fixtures that look clean and sanitary are actually dirty and odor-ridden. In the picture, top-left, the surface and accessible areas of this toilet are clean. But, in the picture, lower left, the inaccessible areas of this same toilet are incrustated with scale—the breeding ground of disease, odors and pipe stoppages!

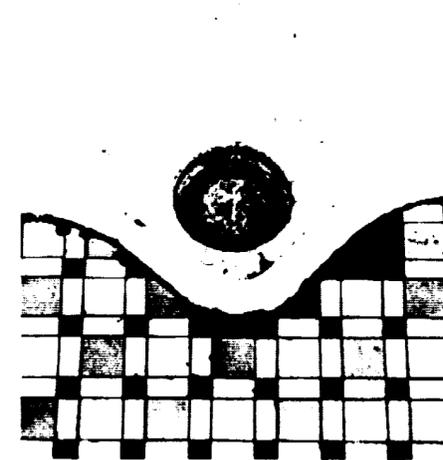
The reason is simple. Ordinary cleaning agents are compounded to clean fixtures that are infrequently used, like those in your home. But washroom fixtures in offices and plants are subject to great use (as well as misuse). They require different cleaning compounds and different cleaning methods.

A simple, regular, deep-cleaning service by a Plunkett sanitizing specialist will remove sub-surface scale in your fixtures and help keep it from reforming. Daily maintenance by your own custodial personnel will keep your fixtures as clean and odor-free as possible. This is the basis of the Plunkett Blue Ribbon Sanitation Control Program.



These depict typical scale accumulations in fixture drain pipes. This scale occurs in a short time when washroom fixtures are

heavily used. Any small object can cause costly plug-up. Plunkett eliminates this scale formation and helps prevent it from recurring.



This urinal is dirty on the surface—but even dirtier below. Uric acid scale is building up in pipes and traps to cause foul odors, contamination and pipe stoppage. Plunkett formulated chemicals go to the source of these unsanitary conditions.



Here's an example of the effectiveness of Plunkett chemicals on fixture surfaces. The left side of this washbasin has been left untouched. The right side has been cleaned with Plunkett chemicals. It's spotless. Plunkett chemicals have dissolved the scum and soil.



**WE EVALUATE YOUR ENTIRE  
SANITATION REQUIREMENTS**

Before you decide upon a Plunkett Blue Ribbon Sanitation Control Program, your entire sanitation system is scientifically analyzed and evaluated by Plunkett specialists. *There is no charge for this service.*

**WE IMMEDIATELY  
RESTORE ALL  
FIXTURES TO A SANITARY  
CONDITION**

Once you've decided upon a Plunkett Program, our technicians sanitize and clean your washroom fixtures. *Scale is removed from pipes and surface scum is removed from your fixtures.* After this initial sanitation, your fixtures, pipes and traps will be odorless and free of contamination. We guarantee that our regular scheduled service will continue this condition.

**WE TRAIN YOUR JANITORS TO  
PROVIDE DAILY MAINTENANCE**

Plunkett does not replace your janitors or custodial employees. Instead, we train them to be more efficient and productive in washroom maintenance, thus allowing them more time for other important maintenance duties. A Plunkett specialist trains them in the proper and effective use of Plunkett formulated chemicals.

**WE SANITIZE YOUR FIXTURES ON A  
REGULAR SCHEDULE**

Plunkett specialists sanitize and clean your fixtures at specified intervals—weekly, semi-monthly, or monthly (depending on frequency of use). On each of these visits, scale and foreign matter are removed from pipes and traps. This regular maintenance by Plunkett specialists, plus the daily maintenance by your own janitor or custodian insures the highest sanitation standard at all times.

**Quotation**

(Quotation to be filled in by Plunkett Representative)

**YOUR WASHROOM REQUIRES THE FOLLOWING FIXTURES**

SEATS \_\_\_\_\_ URINALS \_\_\_\_\_ SINKS \_\_\_\_\_ SHOWERS \_\_\_\_\_

BRADLEYS \_\_\_\_\_ JANITOR SINKS \_\_\_\_\_ MISC. \_\_\_\_\_

**TOTAL NUMBER OF FIXTURES \_\_\_\_\_**

TO BE SERVICED  WEEKLY  TWICE MONTHLY  MONTHLY

**TOTAL LOW COST FOR COMPLETE BLUE RIBBON SERVICE: \_\_\_\_\_**

ISSUANCE OF SERVICE AGREEMENT  
OR PURCHASE ORDER AUTHORIZED BY: \_\_\_\_\_

SERVICE TO  
BEGIN ON \_\_\_\_\_



For Free Demonstration or  
Further Information Contact

**Plunkett Chemical  
Company**

3500 S. Morgan Street  
Chicago, Illinois 60609

215 Pennsylvania Avenue  
Paterson, New Jersey 07503

**INSURES COMPLETELY CLEAN  
WASHROOM FIXTURES!**

The Plunkett Sanitation Control Program enables you to maintain an exceptional sanitation level. The highest sanitation level your own custodial personnel can provide with normal cleaning compounds is much less. Plunkett is a laboratory-controlled method of sanitation. Its scientifically tested and proven chemicals go below the surface of fixtures to dissolve urate scale. Your traps and pipes are clean, sanitary, and free running. And Plunkett chemicals do not harm your fixtures.

**REDUCES YOUR OVERALL  
SANITORIAL COSTS!**

Your janitors or custodial employees are far more productive under the Plunkett Sanitation Control Program. With normal day-to-day maintenance, the average janitor requires 2½ minutes to clean each toilet or urinal—and about 5 minutes to scour each washbasin. Under the Plunkett Program, it takes only seconds to clean each toilet and urinal—and only a minute to clean each washbasin. By speeding daily maintenance, Plunkett reduces your overall janitorial costs—and provides true sanitation at the same time.

**REDUCES YOUR COST OF  
SUPPLIES!**

Studies in other plants have proven that their savings on supplies alone more than pays for a Plunkett Sanitation Control Program. Plunkett supplies you with everything you need (proper chemicals in proper quantities)—as you need it—to maintain the highest standards of sanitation and cleanliness. *You pay only the shipping charges!*

**ELIMINATES OFFENSIVE ODORS!**

When iron scale and uric acid scale accumulate in pipes and traps, foul odors are trapped and released slowly. Deodorant blocks, drip fluids and other so-called sanitizing agents only hide these odors. They do not reach the source which is below the fixture surface. Only Plunkett's deep-acting chemicals keep your fixtures truly odorless. And they are furnished at no extra charge with the service.

**PROLONGS LIFE OF YOUR PIPES  
AND FIXTURES!**

The formation of iron and uric acid scale is a major cause of pipe deterioration. Plunkett chemicals eliminate this scale—keep your pipes and traps free flowing so that small objects are washed away instead of causing stoppages. In addition, Plunkett chemicals, unlike many commercial abrasives, dissolve surface scum and soil *without damaging your fixtures.*

**MAKES DAILY CUSTODIAL  
MAINTENANCE EASIER AND  
FASTER!**

Washroom maintenance is a snap under the Plunkett Blue Ribbon Sanitation Control Program. There's no need for harsh cleansers, deodorant blocks or drip fluids. All it takes to keep toilet fixtures odor-free and sanitary is a simple spray of Plunkett chemicals each day. Effective, easy—and takes only a fraction of the time normally required. What's more, a Plunkett Program of fixture sanitation is something your custodial employee can do without distaste.



# PLUNKETT CHEMICAL COMPANY

GENERAL OFFICE: 3500 SOUTH MERRILL AVENUE, CHICAGO, ILL. 60604

## THE PLUNKETT WASHROOM SANITATION PROGRAM

The enormous dollar investment necessary to install adequate washroom facilities and plumbing fixtures (approximately 20% of construction cost) in public buildings and industrial plants, requires that an effective preventive maintenance and washroom sanitation program be established. Such a planned program is essential to:

- 1) protect this valuable equipment and to keep all components in their original operating condition;
- 2) provide a high level of washroom sanitation for all personnel. Proper care of these facilities requires the services of well trained personnel and the use of effective chemicals that are specifically formulated to thoroughly clean and sanitize exposed surfaces as well as remove scale and other damaging materials hidden in the pipes and traps leading away from the fixtures.

For more than 68 years, the "Plunkett Method" has been utilized by leading industrial plants, institutions and public buildings throughout the United States and Canada. The following paragraphs briefly describe the materials and methods employed in establishing this essential and valued program.

### PC-159 - TOILET AND URINAL CLEANER

An acid-type liquid that thoroughly cleans, deodorizes and disinfects toilet bowls and urinals. It is extremely effective in the removal of scale, incrustated matter and stains from visible and invisible areas. More important, proper application at regular intervals dissolves uric acid scale, calcium and other metallic salts which are deposited in the pipes and traps leading away from the toilet fixtures, and actually copper coats these pipes and traps so that they will remain open and trouble free. This chemical is inhibited to render it relatively harmless to pipes and traps under ordinary conditions, and has been time tested for many years. PC-159 carries United States Department of Agriculture Registration # 81-19.

Sanoform CS-2 should be applied only to a fixture or fixture group that is not clean. It must be applied daily at regular specified intervals in order to maintain an effective sanitary condition of the toilet bowl and urinal.

#### SANOFORM CS-2 -- DISINFECTANT AND DEODORANT

This chemical is a powerful deodorant, protein denaturant, fungicide and disinfectant. Sanoform CS-2 does not dissolve odors - it removes them. Proper daily spraying of the fixtures by your own janitorial personnel will prevent specified bacterial growth. Time involved in daily spraying is only seconds per fixture.

#### RENOVENE -- PORCELAIN CLEANER

Renovene is a non-abrasive liquid solvent cleaner for the removal of lime, soap scum and other adhering matter from the surface of washstands, sinks and other enameled fixtures. It is a liquid, not a powder, and will not scratch surfaces. Fixtures stay cleaner and brighter longer where Renovene is used.

#### LIQUINE -- DRAIN PIPE CLEANER

Liquine is a heavy grease solvent in liquid form used only for cleaning or removing accumulations of grease, soap, hair and other refuse from pipes and traps leading away from washstands, sinks, showers and floor drains where grease and animal wastes, drainage and stoppage. It is designed primarily for use at regular intervals to prevent stoppage rather than for periodic removal of an already stopped.

For the removal of dirt and soil, use Planetex series toilet bowl sanitizer, urinal cleaner and general purpose cleaner. Fixtures should be cleaned at regular intervals. Liquid Renovene for pipe and traps, urinal and shower cleaners, sink fixtures, and liquid Liquine for drain pipe cleaning. For toilet, sink, urinal and shower cleaning, the proper amount of the specially formulated disinfectant, deodorant, and acidified and chlorinated solution should be used.

You have complete control over your small plant's utility charges. The Plunkett Service Plan provides all material needed by our service technicians for "deep cleaning" each month PLUS adequate material for daily use by your employees. There is absolutely no need for you to purchase drip fluids, odor blocks, or any other sanitation supplies to maintain the washroom fixtures in a sanitary, odor-free condition. This program will keep the pipes and traps free of scale and damaging matter and operating at their original diameter.

The formation of scale or other damaging matter along the surface of pipes and traps located in the walls, ceiling or floors of your building could suddenly create a major plumbing problem that may disrupt your business and send your maintenance cost soaring to heights that could far exceed the low cost of the Plunkett Service Program, year after year.

Your immediate acceptance now can prevent serious plumbing tomorrow. We will be happy to schedule a free demonstration.

#### PLUNKETT SERVICE COMPANY

4500 South Morgan Street  
Chicago, Illinois 60609  
CA. 7-4120 (92) 3-5321

1000 Ross Street, Suite 200  
Baltimore, Maryland 21201  
CA. 7-1211 (92) 3-5321

#### PLUNKETT SERVICE COMPANY OF CALIFORNIA

10000 Wilshire Blvd., Suite 200  
Beverly Hills, California 90210  
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