

HOW TO STOP KILLING THE BIOLOGICAL ACTION IN YOUR SEPTIC/CESSPOOL

Many household products contain chemicals that will kill bacteria. However, your septic system/cesspool depends on a healthy bacteria population to keep it functioning properly. Routinely using products that 'kill germs' may result in EXPENSIVE problems. These problems always occur at the worst possible time and include things like backups, foul odors and failed filter beds. Whether your system gives you endless problems or years of trouble free service is determined greatly by what YOU put into your system.

Selecting septic-safe products can be tricky, however. Unless you are a chemist, how can you know which ingredients are bad for your system? Furthermore, some products that state, "Will not harm septic tanks" may not hurt the TANK, but may be very detrimental to the bacteria IN your tank! For these reasons the makers of Bio-Clean® have done the research for you.

Simply look for products you currently use. If they are in the Not Recommended* column, switch to a product in the Recommended group! Often you won't have to switch brands since many brands have formulas in both columns. When there is more than one formula the formula name will be listed in parentheses after the brand name.

NEVER FLUSH THE FOLLOWING!

Things like disposable diapers, bones, sanitary napkins, tampons, tampon applicators, coffee grounds, plastic band aids, bandage wrappers, dental floss and cigarette butts WILL NOT BREAK DOWN. Throw them in the trash. Otherwise they accumulate in your tank/pool. You must then spend money for pumping or risk drain field problems. Petroleum based paint, solvents will inactivate your tank and can pollute ground water!

Automatic Dishwasher Detergents

<u>Recommended</u>	<u>Not Recommended</u>
Amway*	All*
Electrasol® Tabs	Cascade* (powder/gel)
Shaklee Basic D*	Electrasol* (powder/gel)
Shoppers Value® Lemon Fresh	Palmolive* (gel)
Wave Gel*	Sun Light*

Dishwashing Liquids

Many brands are now available in a regular and an anti-bacterial formula. Obviously the anti-bacterial products are NOT Recommended.

*In fairness to NOT Recommended products: Rarely will any one brand knock out your system. Unfortunately most people use MANY products with sanitizing action. This not only increases the Quantity of anti-bacterial chemicals but sometimes results in reactions between the chemicals which form substances even worse than the original ingredients.

***NOTE:** It would be impossible to list all available products. This is intended to cover major brands and give examples. You should also recognize that companies are constantly changing formula. To the best of our ability this information is accurate at the time of publication. Revised lists will be issued annually.

Laundry Detergents

Space does not allow us to list all the nationally advertised brands. Fortunately, most are now compatible. The most desirable are those in which ALL the ingredients are biodegradable, not just the surfactants. Avoid brands containing chlorine.

NOTE: We recommend to avoid the following:

- 1) Charmin or Kirkland toilet paper
- 2) Any cloth wipes (baby, face, etc)
- 3) All powdered soaps (laundry & dishwasher)
- 4) NO grease, using the garbage disposal

Toilet Bowl Cleaners

<u>Recommended</u>	<u>Not Recommended</u>
2000 Flushes* (Blue + detergents)	2000 Flushes* (w/bleach)
Bully Depend-o*	Clorox® Bleach & Blue
Lime A Way**	Lysol* (all)
Sani-Flush Crystals**	Shoppers Value*
Sno Bol* (Automatic)	Sno-Bol* (liquid)
Toilet Duck* (Liquid)	Toilet Duck* (Green w/bleach)
Toilet Duck* (Blue)	Ty-D Bol* (Bleach Tabs)
Vanish* (Automatic)	Ty-D Bol* (Blue Spruce)
Vanish* (Crystals)*	Vanish* (Drop-ins)
Vanish* Hang-Ins (Blue Box)	Vanish* (anti-bacterial)
The Works**	Vanish* Hang-ins (Green Box)

*These are acids and must be neutralized with baking soda dissolved in water before flushing.

Bleach

<u>Recommended</u>	<u>Not Recommended</u>
Biz*	Any chlorine bleach
Borateem*	
Clorox II*	
Snowy*	
Purex*	
Vivid*	

Fabric Softeners

<u>Recommended</u>	<u>Not Recommended</u>
Sheet type	Liquid Softeners

General Household Cleaners

Recommended

Amway®
Citrus Magic®
Clean Shower®
Easy Off®
Greased Lightning®
Mr. Clean® (Top Job)
Mr. Clean® (All Purpose)
Murphy's® Oil Soap
Neo-Life®
Pine-Sol® (Lemon Fresh)
Pine-Sol® (Rain Clean)
Scrub Free® (Soap & Scum)
Scrub Free® (Shower Spray)
Shower Power® (Soap & Scum)*
Shower Shine®
Spic & Span®
Tilex® (Soap & Scum)
The Works**

* These are acids. Treat drains after use with baking soda dissolved in water.

Not Recommended

Comet® (Bathroom & Multi-room)
Dow® Bathroom Cleaner
Fantastik®
Lysol® (All)
Pine-Sol® (Regular)
Scrubbing Bubbles®
Scrub Free® (Mildew)
Shower Power® (Bleach White)
Tilex® (Mildew Remover)

Soap (Bar)

Recommended

Aveeno®
Basis®
Camay®
Caress®
Clean & Smooth® (moisturizing)
Dove®
Fels® Naptha
Ivory®
Jergens Mild®
Kirk's®
Lava®
Lux®
Oil of Olay®
Neutrogena®
Purpose®
San Francisco®
Sayman®
Tom's of Maine® (moisturizing)
Tone®
Yardley®

Not Recommended

All deodorant soap is designed to kill bacteria.
Clean & Smooth® (anti-bacterial)
Coast®
Dial®
Irish Spring®
Lever 2000®
Safeguard®
Stridex®
Tom's of Maine® (deodorant)
Zest®

Hand Soap (Liquid)

Recommended

Ivory®

Not Recommended

Most contain anti-bacterial ingredients.

Mouthwash

The vast majority are anti-septic. Either discontinue use or dispose of them without putting them down the drain.

Shampoo

Recommended

Aussie®
Citré Shine®
Clairol® Daily Defense (3, 4)
Clairol® (3 in 1)
Cortex®
Finesse® (Moisturizing)
Finesse® (Revitalizing)
Flex®
Freeman®
Helene Curtis®
Isoplus® (Neutralizing)
Jhirmack®
L'oréal® (Dry Hair)
L'oréal® (Normal Hair)
Revlon®
St. Ives®
Salon Selectives® (1,3,4,5,7)
Style Plus®
Suave®
Thermasilk®
Total Fitness®
TRESemmé Changes®
Value Star® (Regular)
Vidal Sassoon®
VO5®
White Rain® (Classic Care)
White Rain® Collections:
(Coconut Essence, Apple Essence)
Willow Lake® (Witch Hazel & Honeysuckle)

Not Recommended

Clairol® Daily Defense (1)
Clairol® Herbal Essences
Denorex®
Finesse® (Bodifying)
Finesse® (Enhancing)
Frizz®
Head & Shoulders®
Infusium® 23
Isoplus® (Conditioning)
Johnson's® Baby Shampoo
L'oréal® (All not otherwise listed)
Optimum Care®
Pantene Pro-V® (Extra Body, Fine Hair, Anti-Dandruff)
Pert Plus®
Salon Selectives® (#6)
Selsun Blue®
Soft & Beautiful® (Moisturizing)
Style®
Tegrin®
T/Gel®
Total Hair Fitness®
Ultra Swim Plus®
Value Star® (Dry/Damaged Hair)
White Rain® Collections:
(Strawberry Essence, Exotics, Solutions)
Willow Lake® (Lavender & Mint, Citrus & Rosemary)

Drain Products

Recommended

Bio-Clean®

Not Recommended

Drain Care® (Drain Opener)
Drano® (Drain Opener)
Drano® Foamer
Liquid Fire®
Liquid-Plumr® (Drain Opener)
Lewis Lye®
Lysol® (Drain Opener)

Your Bio-Clean Dealer is:



JIM'S SEPTIC SERVICE
Septic Tank Pumping & Cleaning for Residential & Commercial

Backed Up? Call us First: **541.476.9726**
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