



SIMONIZ® SANI-TAB™

DEODORIZING AND SANITIZING TABLETS

Destroys Reclaim Pit Odor
and Bio-Slime

No One Likes Smelly Pits

Not you, not your customers, not your employees

THE PROBLEM

Today's car wash operations deal with a number of issues including higher costs, increasing energy and restrictions on water usage and wastewater disposal. With water shortages becoming more widespread and water more costly, car wash operators are installing water reclaim systems. While recycled water is a responsible environmental solution, there are "underlying" problems that are facing these car wash facilities: Reclaim Pit Odor, Bacteria and Bio-Slime Control.



Foul reclaim pit odors are caused by a combination of organic matter (i.e. solvents, oils, hydrocarbons, cleaning agents, etc.) and anything else that is washed off vehicles. Often water sits still in the pit for extended periods, which in turn has an anaerobic (non-oxygen) effect. This increases the bacteria load as well as odors within the reclaim system.

Bio-slime (bacterial slime layers) is a cluster of microorganisms usually from organic matter that forms a sticky film within the reclaim system on any surface exposed to bacteria and water. The film adapts to environmental conditions like temperature and toxins to produce more stable conditions for microorganisms to survive. When left untreated, bio-slime in the pit increases. This is why a preventative program is imperative for the reduction of bio-slime formation especially in a moist and warm environment and in the presence of organic matter. Bio-slime can also cause corrosion and scaling of equipment.



THE SOLUTION

SIMONIZ SANI-TAB ClO₂ Deodorizing and Sanitizing Tablets

Simoniz SANI-TAB tablet is a fast, safe and easy-to-use means of completely eradicating foul odor causing bacteria and bio-slime in car wash reclaim pits. Commonly used methods like ozone, bleach, hydrogen peroxide and fragrances simply mask these odors and are far less effective in destroying bio-slime.

Upon contact with water, Simoniz SANI-TAB tablet is self-activated to release chlorine dioxide, (ClO₂) gas, an environmentally safe and effective oxidizing biocide that

destroys all organisms causing odor, bacteria, mold and fungus. Because it remains a gas and soluble in almost anything, it is more energetic to penetrate all points in a system including bacterial slime layers. And as for environmental effects, SANI-TAB ClO₂ breaks down into very small quantities (< 2ppm) of salt and water, rendering it eco-friendly, safe and non-toxic.



Simoniz SANI-TAB ClO₂ is also far more flexible in its application and can be used in poor water conditions with salt, silt, dirt and other organic matter as well as in water with a pH between 5 and 11. This makes our tablets ideal for car wash applications. In addition to killing reclaim pit odor and bio-slime, it reduces build-up of bacteria in filters and on surfaces and lines that come in contact with reclaim water.

As a car wash operator, you'll find that your facility will be easier to maintain, pleasant smelling and a safer environment for you, your customers and your employees!



THE BENEFITS of SIMONIZ SANI-TAB CIO₂

- ✓ SIMPLE to use gas release system
- ✓ REMOVES bio-slime, mold and mildew
- ✓ ELIMINATES hard to destroy organics odors and odor-causing bacteria
- ✓ ERADICATES - doesn't mask
- ✓ LEAVES a clean, safe and pleasant smelling reclaim pit
- ✓ WATER ACTIVATED - no pumps, generators or dispensers
- ✓ LESS corrosive
- ✓ INEXPENSIVE
- ✓ ECO-FRIENDLY, non-toxic and biodegradable



HOW TO USE In Car Wash Reclaim Pits

1) Initial dosing with 100 gram Simoniz SANI-TAB to remove odor and odor causing bacteria:

Add one 100 gram Simoniz SANI-TAB tablet per 500 gallons of reclaim water to be treated. Allow Simoniz SANI-TAB to fully dissolve and dissipate. Process takes approximately 30 minutes.

2) Re-dosing with 20 gram SANI-TAB after initial dosing:

Re-dosing will be required on an "as needed" basis. In general, depending upon the volume and severity of bacterial growth and bio-slime, once per week is suggested. Recommended re-dosing treatment is one 20

gram SANI-TAB tablet for every 500 gallons of reclaim water. Allow SANI-TAB to fully dissolve and dissipate, about 30 minutes.

The recommended time to dose is at the end of the day.

CAR WASH RECLAIM PIT WATER ANALYSIS

Simoniz USA utilizes industrial dip-slides to monitor the level of microbial presence (bacteria, mold, fungi and bio-slime) in car wash reclaim water with scientific testing. Depending on the level of bacterial growth and volume of the reclaim system, the appropriate dosage of Sani-Tab will be recommended. Any abnormalities in water purity will be resolved. Send us a sample of your reclaim water and we will have it evaluated.

COLONY DENSITY CHART



"Deodorize wise...with Simoniz"

Advantages of ClO₂

More effective, less cost and kind to the environment

ClO₂ Advantages Over Chlorine Bleach

- Has 2.6 times more oxidation capacity than bleach.
- Removes bio-slime. Bleach does not.
- Produces no chlorinated by-products. Bleach releases chlorine gas at temperatures above 40° C.
- Far less corrosive to equipment and more pleasant to handle than chlorine bleach.
- No neutralization is required since there is no unwanted by-products formed. Bleach requires neutralization before dumping into a foul drain.
- Effective at higher temperatures; does not dissociate as rapidly as bleach.
- No pH dependence (< pH11). Bleach is pH dependent and is very ineffective above pH7.
- Cost savings in labor and use efficiency outweighs additional chemical cost. Bleach requires increase service work and disinfection time to combat high bacteria counts.
- A broad spectrum kill, unlike bleach.

ClO₂ Advantages Over Ozone

- It's the most eco-friendly biocide used to destroy odors and odor causing bacteria. It does not form toxic or carcinogenic by-products. Ozone is a hazardous chemical that produces dangerous disinfection by-products (DBPs) unacceptable to the new standards set by the EPA.
- Quickly and effectively eliminates bio-slime. Ozone needs to be used in very high concentrations which present safety issues at such levels.
- Far more stable than ozone. Due to its short half-life of only 25 minutes, it is not effective enough to eliminate odor problems.
- Far less harmful and corrosive. Ozone is very corrosive and damages every metallic object it comes in contact with in wash bays, car wash equipment and customers' vehicles.
- Unlike ClO₂, ozone takes a very long time to achieve full oxidation.
- Pre-treatment is required for high organic loads when using ozone but is not required with ClO₂.
- The ozone cost of installation, operation and maintenance is much higher than ClO₂.

SIMONIZ SANI-TAB™ Deodorizing and Sanitizing Tablets

Product	Item#	Package Size
SIMONIZ SANI-TAB 100 GRAM TABLETS	S6001006	6 tablets/case
SIMONIZ SANI-TAB 20 GRAM REPLENISHMENT TABLETS	S6000012	12 tablets/case

