

Spec Clean™ Evacuation System Cleaner

WHAT IS SPEC CLEAN EVACUATION SYSTEM CLEANER?

It is a powerful, concentrated liquid cleaner for the removal of saliva, blood, tissue, fluoride gel, prophy paste, impression material, and other wastes from the dental unit evacuation system.

Where is Spec Clean used?

It is used to flush and clean the entire dental evacuation system (cuspidor, saliva ejector, high-volume evacuator and tubing). It can also be used to eliminate odors in the plaster trap.

How should Spec Clean be used?

Dilute one ounce of Spec Clean per quart of water or add four ounces of Spec Clean to one gallon of water. Aspirate one to two cups of diluted solution into each suction line, rinse cup or cuspidor. Then keep suction on to allow a few seconds of air into each line. Aspirate a final rinse of one to two cups water per line.

How often should Spec Clean be used?

Daily cleaning will prolong the life of the dental evacuation system and pump by breaking down and loosening debris in evacuation lines. Build up of debris in the lines and the suction impellers of the evacuation system will reduce suction to the dental unit and cause the main motor to work harder with eventual burn-out. Regular use of Spec Clean evacuation cleaner will result in substantial savings on costly motor repairs.

Why is biofilm such a problem for evacuation systems?

The dynamics of water flow through tubing combined with sticky prophy paste, saliva, etc. provides perfect conditions for biofilm to form and produce foul odors.

We are using an enzymatic cleaner in our evacuation system. Will Spec Clean clean better than the enzymes?

Yes. Spec Clean is an acid based cleaner which is more effective at the penetration and breakup of thick, sticky biofilm clinging to tubing. The Spec Clean formula attacks both organic (blood and saliva) soils and inorganic materials such as impression pastes and cements. Enzymatic cleaners target organic (blood) soils

but may have little cleaning effect on inorganic dental materials. The acids in Spec Clean provide effective cleaning yet are mild enough to be harmless to the evacuation system and its components.

We had to have the pipes leading to the main pump cleaned of corrosion. We were using another product. How can we prevent this from happening again?

Inadequate cleaning or the use of bleach compounds may contribute to corrosion in evacuation systems. The Spec Clean formula inhibits corrosion. Daily treatment with Spec Clean will keep the entire system free of corrosion and adherent debris.

Should we clean/dispose of the traps before or after treatment with Spec Clean?

Either way is appropriate. However, cleaning the system with Spec Clean first will reduce odors (particularly in the main motor trap) and reduce the amount of particulate contained in the traps.

I am using a different evacuation cleaner and I see foam in the traps and the impeller when I clean them. Is this OK?

No, if you find foam in the traps the motor will sense the foam as liquid when it is really air. The motor will continue to try to pump it out, will lose suction power and cavitate, causing the motor to wear out much quicker than it should. Use of a nonfoaming evacuation cleaner such as Spec Clean will protect the main motor because it will not foam in the system. Most major dental unit manufacturers now recommend nonfoaming evacuation cleaners.

What is the effect of evacuation line cleaners on release of mercury from waste amalgam?

Recent studies sponsored by the American Dental Assoc. indicate that some brands of evacuation cleaners, especially those with chlorine or bleach, will cause high amounts of mercury to be released from waste amalgam in lines. Spec Clean was included in the study and found to be a safe, low-releasing product. (Study summary available upon request.)

We recently installed a special amalgam separator filter cartridge for our evacuation lines. Can we continue to use Spec Clean with this product?

Neutral pH enzyme based line cleaners are recommended by most amalgam separator manufacturers. Spec Clean™ Quad Enzymatic Instrument Detergent four enzyme non-foaming detergent is neutral pH and the best alternative to Spec Clean for amalgam separator systems or any application when neutral pH cleaners are recommended.

I mixed Spec Clean at the correct dilution (one ounce in one quart tap water) and the solution turned clear! What happened?

Tap water is usually treated with chlorine in various forms by your community water treatment facility. The allowed amount can vary. If chlorine levels are unusually high in your tap water, it may cause your Spec Clean solution to become clear upon dilution. Even if the solution is clear it is still effective and may be used as usual to clean evacuation lines. Do not add any other chemicals or coloring agents to diluted Spec Clean.

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