January 10, 2017

The EPA has published rules specific to Best Management Practices for Dental Amalgam Waste. These rules have no impact on the use of DentaPure® Cartridge waterline products.

The EPA rule states: “Dental unit water lines, chair-side traps, and vacuum lines that discharge amalgam process wastewater to a POTW (publicly owned treatment works) must not be cleaned with oxidizing or acidic cleaners, including but not limited to bleach, chlorine, iodine and peroxide that have a pH lower than 6 or greater than 8.”

The DentaPure cartridge is not an oxidizing cleaner and does not have a pH lower than 6 or greater than 8. Rather it is EPA registered for use as a Microbiological Dental Unit Waterline (DUWL) water purification system and per a 2006 JADA study, the pH of the DentaPure cartridge is 6.95 and falls well within an acceptable range that does not violate the EPA rules for BMP.

Extensive testing has been performed to calculate the amount of iodine content left in the water after it was sprayed into a patient’s mouth. Iodine turns to gas when it is exposed to air, making it highly unlikely that water from DUWLs would end up in the evacuation system.


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Senior Director Global Regulatory Compliance

All claims made when used with potable water.

1 https://www.epa.gov/eg/dental-effluent-guidelines-documents

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