



FreshAWL solutions are developed to the highest standards of environmental health and safety. And while they are safe, they are by no means mild.

The powerfully safe organic chemistry of FreshAWL® WOW-Air™ is ideal in aerobic conditions where it attacks the sulfur - bacteria bonds for the effective elimination of hydrogen sulfide (H₂S), mercaptans and selenides that cause foul odors and system decay.

WOW-Air like all FreshAWL solutions has been tested in accordance with the Corrosivity to Steel (EPA 1110) test and consistent with metals used in typical wastewater treatment system as a proven corrosion inhibitor that can be applied at any point in the treatment system.

To understand their ease-of-use, all FreshAWL solutions are non-toxic, require no special DOT or OSHA handling and do not need specialized training, storage or delivery equipment.

The following test was performed by by FreshAWL and the SFPUC:

Mel Leong WWTP - San Francisco

Sample #	Base-line	1	2	3	4
Time	10:11	10:16	10:23	10:26	10:53
H ₂ S ppm	18	9.4	10	5.5	0

The increase at 10:23 AM occurred with an alternate influent flow from the SFO airport. Results show an 18 ppm reduction in less than 45 minutes.

FreshAWL solutions contain no enzymes and meet the guidelines set forth by the EPA's Design for the Environment DfE certification program. WOW-Air is not toxic, caustic or harmful to humans, animals or the environment. In fact, it is organic and 100% biodegradable.

The powerfully safe organic chemistry WOW-Air prevent anaerobic and aerobic bacteria from being inhibited by hydrogen sulfide H₂S and then allows them to flourish and undergo

normal respiration. WOW-Air products effectively eliminate H₂S, mercaptans and selenides that cause foul odors and system decay.

A single WOW-Air molecule can eliminate the odor from 8 molecules molecules of H₂S in aqueous settings or up to 200 in gaseous settings. This allows the addition rate to be much less than other chemicals; which typically work on a 1:1 ratio of molecular attack.

WOW-Air works in aqueous and gaseous applications and is designed with the ability to be introduced at any point in a treatment system. They can be injected, dripped, fogged, sprayed, and shock dosed without the use of any special tanks, pumps, hoses, agitators, or other special equipment.

WOW-Air products also include:

- **WOW-Air B™** for malodor and H₂S elimination in anaerobic conditions, sludge reduction in ponds, controlling “spring-turnover”, mercaptan removal and vector control.
- **WOW-Air B28™** is a special blend of WOW-Air B for conditions where organics are extremely high and for the purpose of treating compost or waste facilities for odor and vector control.
- **WOW-Air S™** is the solution for odor control and for obtaining up to 80% sludge reduction and dewatering. Using WOW-Air S in WAS, RAS, AS or other systems allows for a non-malodorous sludge process and a considerable reduction in waste-sludge out.

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