



FOGTECH® Commercial and Industrial FAQs

Question: What is in Fogtech® anti-fog? How does it work?

Answer: Fogtech® is very unique. Fogtech® anti-fog contains proprietary self spreading water absorbers dissolved in a very special carrier that can wet plastics. These ingredients did not even exist a few years ago. The unique carrier evaporates immediately leaving a transparent micro-thin coating of Fogtech®. That coating grabs water from your breath or perspiration before it can condense into those tiny droplets that we call fog. The water is then spread smoothly across the shield in an invisible layer. Fogtech® is formulated to apply evenly and transparently to today's modern plastics and glass -even those that are coated. These coatings often resist the application of other anti-fogs or cause them to quit performing after a short period.

Question: Why is it different from other anti-fogs that I can buy?

1. **Fogtech goes on fast!** Wipe on a wet coat in a couple of strokes. FogTech® then dries in seconds-under 5 seconds ready time is typical. Unlike my competitors, there is no spraying or wiping then rubbing, rubbing until their coating comes clear. Fogtech® is safe for all lenses and for the environment.
2. **No guess work!** The wipe has the precise amount and concentration to apply a microthin fog-eating layer on their optics. That insures consistent performance without variability. With most other anti-fogs, you can rub off the protection.
3. **Saves your optics!** Unlike other anti-fogs, each wipe offers a fresh soft cloth with no dust or dirt contamination. As a result, your customer's lenses and expensive optical coatings will last much longer.

Question: We have employees going in and out of freezers. Will Fogtech® work?

Answer: Possibly. We recommend you ask us for samples to try in this environment. Here is why. You will not get fogging but the water absorbed by Fogtech® may freeze and obscure vision. That can occur if you have freezers below 0 degrees F and if your employees spend more than a few minutes in the freezer. Also, if your employees are staying inside the freezer for long periods and then moving to warmer locations, the outside of the goggles may fog. So you will need to apply Fogtech® to the outside and the inside of these optics. We have found that closer fitting goggles work best as the heat from your body may prevent that freezing.

Question: Some of my team members have prescription lenses or glasses. Will Fogtech® work on those? Is it safe to use if their lenses have special coatings?

Answer: Yes, Fogtech® will not hurt those lenses. Fogtech® is suitable for use on plain lens spectacles. Lenses that have special coatings such as anti-reflective or anti-glare, are not always compatible. Lenses that have oleophobic, hydrophobic or other non-marking/liquid repellent coating will not be compatible. Also if those lenses have special coatings that are meant to keep the lenses cleaner (resist water, fingerprints, dirt) you may not get long term anti-fog protection. If those employees have a coating called Crizal®, Fogtech® will not work at all. Also, if your employees are wearing prescription lenses under a shield or goggles, you need to coat **both** sides of the prescription lenses to completely prevent fogging.

Question: I notice that you have sold bottles as well as the packaged towelettes. Which is better for industrial uses?

Answer: We think the wipes are better than the bottle for use in a factory setting. Often called a packet, this soft towel is has a pre-measured amount of Fogtech® to insure the perfect application. While the bottle has liquid with the same formula, employees may use too much or too little resulting in much less economy or effectiveness. Also the wipe has a clean applicator each time you open one, so your employees will not grind the lenses with dust or dirt from an old applicator. Last if you are concerned with employees using the product you purchased for a home application (sports related eye protection), the loss of a wipe or two is much less expensive than a bottle disappearing.



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Question: I have guys spraying hot water and/or steam cleaning parts and equipment? Can Fogtech® help?

Answer: Probably, although this is one of the tougher challenges. Certainly Fogtech® will not last as long as it would under drier conditions. Again we suggest you try some of our sample wipes in your environment and on your particular optics. Also sealed goggles may work better than open air safety glasses by limiting the amount of fog producing moisture that our product is required to absorb.

Question: We paint parts in our plant and are worried about silicone affecting paint adherence. Does Fogtech® contain silicone?

Answer: Yes Fogtech® does contain silicone. Although the amount left on your eye protection is on the order of 1/100th of a gram or less, you need to consider that before buying. We do not sell a version of a product that does not have silicone.

Question: We operate a food processing plant and are worried about packaging or product entering our food.

Answer: The Fogtech® packet does contain aluminum which will probably be picked up by your metal detectors. The towelette is a synthetic felt and is probably not detectable. The Canadian Health department and the FDA have reviewed our product ingredients and instructions and concluded it is safe to apply and use as long as the application takes place before entering the areas where food is processed. That appears to be good practice for that industry.

Question: Fogtech® anti-fog smells a bit unusual. Is this stuff dangerous or toxic to breathe?

Answer: No. And the odor goes away in about a minute. It won't harm the environment, irritate most people's skin, nor will it get you 'high'. If the dry Fogtech® coating gets into your eyes, you may notice a film for a few moments that should go away fairly quickly. If it bothers you, wash your eyes with clean water.

Question: Will it hurt my shield, helmet, goggles, glasses or the special coatings on them?

Answer: No. With every shield, glasses goggles we and many others have tested, there have been no problems over a long period. Fogtech® is perfectly safe to use on coated lenses like glasses or those expensive sunglasses.

Question: Our state has restrictions on the amount of organics that may end up in the ground. Is Fogtech® affected by those rules?

Answer: We have not checked every state but we have received some valuable information from the state of Washington. If a packet (or bottle) is disposed of unopened, then that amount will have to be accounted for. But if it is used according to instructions, all of the organic carriers evaporate so there is not any impact. Currently we believe that no air pollution regulations affect your use of Fogtech®. That is why we chose our system.