

EXPERT RANGE

SANIFOG

TECHNICAL INFORMATION



What's In it?

Each can of Sanifog contains a mix of germ-killing ingredients, and is alcohol based, containing over 80% ethyl (ethanol) alcohol. Sanifog also contains other added active agents, including viricide and ionised biocide.

Ingredient List: Ethanol, Dodecyl Dipropylene Triamine, Tetrasodium ethylenediaminetetraacetate, Sodium C12 – 18 Alkyl Sulphate

How Effective is it?

Sanifog achieves a log kill rate of 6: this means it is effective to 99.9998% on bacteria and viruses. The active agents dispersed from the can will sanitise every surface within the defined area (no matter how difficult to reach) and will remain active for up to 7 days on most surfaces. The fog produced becomes inert after 20 mins and leaves an active microscopic coating that leaves no residue and can be used in food preparation areas, kitchens and canteens.

UK Government guidelines on eradicating the spread of Covid-19 state a minimum requirement for a log kill rate of 3, which is a kill rate of up to 99.8%. To put this in perspective: if there was a colony of 1,000,000 bacteria in the room: A log kill rate of 3 would leave 1,000 bacteria behind, but after using Sanifog: you'd be left with 1 single bacterium.

What is Ionised Biocide?

Ionising the biocide in Sanifog causes it to separate from the other chemicals and causes the contents act like two opposing magnets. This means that when they're expelled from the can, the active ingredients are dispersed through the room incredibly quickly, at a micron level within the fog produced.

When expelled into the air, Sanifog is slightly damp. This is controlled by the special actuator on top of the can. The actuator is factory set so that it evenly spreads small particles of biocide and viricide of 40 microns. At this size, the product will drift in the air and land on all surfaces leaving a coating without leaving any residue.

Biocide is extremely effective at killing bacteria, viruses, moulds and fungi. As smells are produced by bacteria and other micro-organisms Sanifog is also an odour neutraliser, by killing the bacteria that produce bad smells. Thus, leaving a clean fresh smell from the fragrance introduced to the mist during manufacture.

Why is it Alcohol-Based?

The biocide in Sanifog travels by piggy backing upon the Ethanol/Alcohol/Isopropanol. The fog produced stays active for around 15 minutes, killing off any airborne germs, before "vaping off" and becoming inert. The biocide is left behind leaving a microscopic coating on all surfaces. This coating will remain active for up to 7 days but depends on the conditions in the room.

For Example: is the surface also being wiped with bleach or other aggressive cleaning materials? Or being subjected to excessive use or being constantly rubbed? This can cause the active agents to be removed, at which point you would need to re-apply Sanifog to the room.

By remaining active, it means that when new viruses or germs make contact with the coated surface, they are also eliminated.

The amount of Ethanol/Alcohol/Isopropanol within the mix is over 80%, which is much higher than the UK Government guidelines on eradicating the spread of Covid-19 (61%).

Sanifog is tested and certified to BS EN 1276, BS EN 1650, and is currently awaiting full BS EN 14476 approval.

SANIFOG FAQs:

Q: How long it is effective for?

A: Sanifog remains active for up to 7 days after use.

Q: Is any Personal Protective Equipment (PPE) needed to use?

A: No PPE is needed to use Sanifog.

Q: How long before people are allowed back into the rooms?

A: Users should leave the area instantly and return in 1 hour.

Q: Do we need specialist training in application?

A: No training is needed and full instructions are on the can.

Q: What is the shelf life of Sanifog?

A: 12 months

Q: Does this product leave any residue behind?

A: No residue is left behind when Sanifog is used correctly.

Q: Do you need to take any precautions with smoke/fire alarms?

A: Yes, always be sure to cover any smoke alarms: as Sanifog creates a fine anti-microbial fog whilst used, and this could trigger a smoke alarm.