

THE DIRTY SIDE OF DISINFECTANTS & SANITIZERS



Concentrations of quaternary ammonium compounds (QUATS or QACs) in the human body have increased during the COVID-19 pandemic, raising health and safety concerns.

Source: Environmental Science and Technology



1/3 OF U.S. RESIDENTS

misuse misuse toxic disinfectant cleaners and disinfectants to prevent COVID-19.



QUATS

are among some of the most harmful disinfectants, are harmful to the respiratory system, and have adverse impacts on human health—cancer, genetic mutations, lower fertility and increased antibiotic resistance.

QUATS EXACERBATE THE RISK OF COVID IN VULNERABLE PEOPLE



THEY MAY BE IN YOUR MEDICINE CABINET

The QUAT antimicrobial cetylpyridinium chloride (CPC) is in mouthwashes, lozenges, toothpaste, and nasal sprays. CPCs are associated with lung inflammation. Acute oral inhalation can be fatal.



MAKE SAFER CHOICES

EPA has certified several hazardous disinfectants as effective against COVID-19. Several safer disinfectants on EPA's list are effective against the virus, including citric acid, ethanol, isopropanol, L-lactic acid, hydrogen peroxide, sodium bisulfate, dodecylbenzene sulfonic acid, and thymol.

LEARN MORE

www.beyondpesticides.org/resources/antibacterials/disinfectants-and-sanitizers

www.beyondpesticides.org/resources/pesticide-induced-diseases-database/overview

