

HEALTH

## Solvents in disinfectants Why is the role of solvents essential?

Isopropyl alcohol (IPA) is a potent antimicrobial, killing microorganisms by inhibiting their growth and stopping their spread. It kills 99.99% of germs within 10–30 seconds of its application, making it one of the best sterilization tools. Its different solutions, purity grades, concentration, and alcohol types produce disinfecting products that rapidly destroy pathogens and harmful microbes, making IPA one of the most effective disinfectants. Rubbing alcohol, hand sanitizer, and disinfecting pads typically contain a 60–70% solution of isopropyl alcohol (or ethanol) in water. Water is required to open up membrane pores of bacteria, which acts as a gateway for isopropyl alcohol.



### SPOT ON

Alcohols such as:

*Isopropyl alcohol (IPA) (CAS 67-63-0 – EC  
200-661-7)*



PROFESSIONAL USE - WIDE DISPERSIVE USE

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EU Transparency Register n° 64879142323-90

