

Suspect #1: George Norman

George Norman recently had an accident where he cut himself with a knife. He cleaned the wound with rubbing alcohol. The formula for rubbing alcohol (isopropanol) is C_3H_8O .



Suspect #2: Becky Baker

Becky Baker is a world famous chef. She had just finished baking a cake at the time of the crime. The recipe called for baking soda. The formula for baking soda (sodium bicarbonate) is $NaHCO_3$.



Suspect # 3: Liz Lemon

Liz Lemon just had her nails done, and she still has traces of nail polish remover on her hands. Nail polish remover contains acetone. The formula for acetone is C_3H_6O .



Suspect #4: Ben Linus

Ben Linus had been walking around in the rain for about an hour before the crime he was suspected of occurred. He was dripping wet with water at the time. The formula for water is H_2O .



Suspect #5: Jenna Drinker

Jenna Drinker was making cocktails at The Corner Bar just before the crime occurred. She had traces of vodka (ethanol) on her hands. The formula for ethanol is C_2H_6O .



Suspect #6: Pete Peterson

Pete "Salty" Peterson has a terrible sense of taste, so he adds salt to everything he eats. The formula for table salt (sodium chloride) is $NaCl$.



Suspect #7: Mick Jones

Mick Jones is English and always adds salt and vinegar to his fries (or chips, as he calls them). On the day of the crime, he had spilled vinegar all over his hands. The formula for vinegar is $C_2H_4O_2$.



Suspect #8: Blondie Carmichael

Blondie Carmichael just got done touching up her roots with hydrogen peroxide, getting it all over the place, before the crime occurred. The formula for hydrogen peroxide is H_2O_2 .

