

# Only Purest Alcohol Will Do



The M41 protection assessment test system (PATS) is a very sensitive testing device. It has to be to ensure masks can truly protect Soldiers.

It is also very sensitive about the kind of alcohol you put in it. The **only** alcohol to use with PATS is reagent grade isopropyl alcohol, which is 99.5 percent pure.

What happens if you don't use reagent grade alcohol? The PATS optics will need to be cleaned or even replaced at one of the major TMDE centers. Clogged tubing will need to be removed. And the PATS will need to be recalibrated. All of this can cost up to \$650.

That's not all. A PATS with dirty optics can produce artificially low fit factors and fail perfectly good masks. CBRNE specialists end up wasting time troubleshooting good masks and PATS.

Save yourself all that cost and trouble by using only reagent grade isopropyl alcohol, which comes with NSN 6810-01-541-3650.

**Note: The NSN listed in the PATS TM, NSN 6810-01-382-2904, should no longer be used. It's being replaced by the NSN above.**



REMEMBER THAT WHEN YOU'RE THROUGH TESTING WITH PATS, YOU NEED TO REMOVE THE ALCOHOL CARTRIDGE AND LET PATS RUN FOR 3-5 MINUTES TO GET RID OF ANY EXCESS ALCOHOL.

OTHERWISE, ALCOHOL SATURATES THE COUNTING MECHANISM.

