RoSho Labs

REFERENCE CARD · Nº 00

Never Mix These

MIXING CLEANERS DOESN'T MAKE THEM STRONGER. SOME PAIRS MAKE TOXIC GAS. STORE-BOUGHT OR HOMEMADE.

DANGEROUS · NEVER COMBINE

			MAKES	
BLEACH	×	AMMONIA	***Chloramine gas***	Some glass cleaners contain ammonia. So does urine.
BLEACH	×	ANY ACID	***Chlorine gas***	Vinegar, lemon or citric acid, toilet-bowl and drain cleaners, rust removers, some glass cleaners.
BLEACH	×	RUBBING ALCOHOL	***Chloroform***	And other chlorinated compounds.
BLEACH	×	PEROXIDE, OVEN CLEANER	***A reaction***	Health agencies list both as never-mix with bleach.
PEROXIDE	×	VINEGAR	***Peracetic acid***	Corrosive. Using one, rinsing, then the other is fine. Never in one bottle.
ACID CLEANER	×	CHLORINE DISINFECTANT	***Chlorine gas***	Back to back on a still-wet surface. Clean, rinse with water, then disinfect.

WASTED · THEY CANCEL OUT

	RESULT
BAKING OR WASHING SODA × VINEGAR OR CITRIC	Fizzes into salty water. Neither one cleans after.
CASTILE SOAP × ANY ACID	Soap curdles into a greasy film.
ALCOHOL × WASHING SODA	Separates into two layers in the bottle.

WRONG SURFACE

	DAMAGE
ACIDS ON MARBLE, TRAVERTINE, LIMESTONE	Etch the stone. Dull spots that don't buff out.
PEROXIDE ON WOOL OR SILK	Weakens fibers and fades color.
WASHING SODA, STRONG BASES ON ALUMINUM	Corrodes and darkens it. Magnet-test parts first.

HOUSE RULES

	EVERY BOTTLE
ONE	One cleaner per bottle. Never top one up with another.
BOTTLE	Never reuse a bottle for a different cleaner.
GEAR	Gloves and eye protection when mixing.
LABEL	Contents and the date mixed, on every bottle.
AIR	Open a window or run the fan while you clean.
STORE	Acids, bleach and peroxide on separate shelves, up high.

IF YOU BREATHE FUMES

Get to fresh air right away. Call Poison Control at **1-800-222-1222** (US, free, 24/7). If anyone struggles to breathe, call **911**.

Sources: Washington State Department of Health, “Dangers of Mixing Bleach with Cleaners” (doh.wa.gov); RoSho Labs formula notes built from patents and safety data sheets. General safety information, not a substitute for each product's label. Tape it inside the cabinet under the sink. · rosholabs.com · © 2026 RoSho Labs