

... to make housekeeping solutions for pennies.

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About 90¢ of each \$1.00 spent on branded goods is wasted on items which contribute nothing to performance.
 $\text{commodities} + \text{mix} + \text{package} + \text{insure} + \text{advertise} + \text{transport} + \text{warehouse} + \text{distribute} + \text{retail} = \text{price}$

A reasonable alternative is to acquire commodities (active ingredients), mix them and save 90%.
 $\text{commodities} = \text{price}$

Cost vs. Price

This site, created by [Richard Kunz, a consulting chemist](#), lists recipes and methods employing:
 1) *common actives* packaged by others, available universally
 2) *commercial actives* purchased in bulk, packaged in small, convenient quantities are offered here.

[Order Page](#)

recipe / method:	cost:	actives:
Housekeeping		
glass cleaner	18¢/qt	water . ammonia . alcohol
basin, tub, tile cleaner	52¢/qt	water, EDTA . quat
hard surface cleaner	44¢/qt	water . ammonia . alcohol . quat
toilet bowl cleaner	45¢/qt	water . vinegar . quat
toilet bowl cleaner, in reservoir	20¢/mo	quat
furniture, appliance polish	48¢/qt	water . alcohol . silicone
scented room air "freshener"	25¢/qt	water . alcohol . essential oil
refrigerator / freezer deodorizer	5¢/mo	activated carbon cloth
odor-free litter	25¢	CBP powder
label remover	pennies	nonpolar solvent
lint scavenger	pennies	duct tape
silverware cleaner	pennies	plastic pan . water . aluminum foil . salt
insect trap	pennies	plastic pan . water . detergent . UV lamp
drain cleaner	pennies	lye
dishwasher, and smelly dishes	no cost	information
gas-tight bags		nylon bags
Clean Air		
transform furnace to air cleaner	25¢	furnace filter . CBP powder
transform any fan to air cleaner	\$1.50	activated carbon cloth
transform air cond. to air cleaner	\$1.50	activated carbon cloth
sanitize evaporative cooler	20¢/mo	small plastic bottle . quat
kill mold, mildew	1¢/sqft	water . spray bottle . quat
more applications		Buyer Beware!
air science articles		ozone, a poisonous gas: EPA , CU
As You Travel		
sanitize hands	70¢/pt	alcohol . spritzer
sanitize public surfaces	33¢/pt	alcohol . spritzer
isolate table silverware	no cost	napkin
breathe clean air anywhere	\$1/mask	activated carbon face mask
eliminate motel room odors	10¢/night	CBP powder

PennySolutions.com is written and maintained by your chemist.