

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

*PennySolutions.com* is written and maintained by your chemist.

