

# Garbage Enzyme

## Direction for use:

Garbage enzyme can be used diluted with water at a specific dilution ratio.

DILUTION RATE	USAGE	QUANTITY	APPLICATION
<b>Concentrated Enzyme</b>	Bath (add in bath water to improves skin condition)	50~100cc	Keep overnight
	Washing machine (clean and soften laundry)	20-50cc	Soak and wash
	Toilet bowl (prevent blockage & purify sewage)	250cc	Pour and flush
	Toilet cistern (purify water)	20-50cc (two caps)	2-3 times/ weeks
	Garden pond & water tank (purify water)	1/10,000 litre water	Add occasionally
	Leather sofa (clean mold or stain)	Appropriate amount	Spray and wipe every 10 days
<b>10-50 times</b>	Carpet & tatami mat (deodorise & antiseptic)	Slightly moist	Spray 1-2 times/month
	Shoe, inside the car (deodorise & antiseptic)	Appropriate amount	Spray occasionally
	Kitchen sink, stove, cooker hood (clean oily stain)	Appropriate amount	Soak and wipe occasionally
	Black mold (antifungal)	Appropriate amount	Soak and wipe occasionally
	Pet excretion, pet house (deodorise & antiseptic)	Appropriate amount	Spray occasionally
<b>200-500 times</b>	Air-cond room (humidifier, deodorisa & antiseptic)	Appropriate amount	Spray occasionally
<b>500 times</b>	Bathroom sink (clean)	Appropriate amount	Soak and wipe occasionally
	Cabinet and refrigerator (deodorise)	Appropriate amount	Spray occasionally
	Drain (prevent drainpipe blockage)	Appropriate amount	Flush occasionally
	Pet (bathing, deodorise & antiseptic)	Appropriate amount	Upon bathing or brushing
	Toilet (clean, deodorise & antiseptic)	Appropriate amount	Spray when wiping
<b>500 - 1000 times</b>	Indoor (purify air, deodorise & pest control)	Appropriate amount	Spray frequently
	Closet, clothes (deodorise & antiseptic)	Slightly moist	Spray occasionally
<b>1000 times</b>	Seeding and planting (fertiliser)	Appropriate amount	Rinse once

## Save on household cleaner and bodycare:

For shampoo, dish wash, laundry liquid etc: use enzyme to multiply and to reduce chemical residues.  
Ratio = 1 part enzyme : 1 part detergent/cleaner : 10 parts water

**Washing vegetables:** Add 30ml (2 tbsp) enzyme to 1 litre water. Soak for 45 minutes.

**Floor cleaning:** Add 30ml (2 tbsp) enzyme to moping water. To clean and sterilise.

**Car care:** Add 30ml (2 tbsp) enzyme to water tank to reduce car temperature.

For other eco cleansers and detergents, please click here:

[http://www.nutrimaxorganic.com/products/green\\_products/SODASAN\\_Dishwashing\\_Detergent.html](http://www.nutrimaxorganic.com/products/green_products/SODASAN_Dishwashing_Detergent.html)

## FOR GARDENING OR FARMING:

Dilute to 1000 times with water for use as natural insecticides, herbicides, pesticides and organic fertilisers. Also can be used to stimulate plant hormone to improve quality of fruits and vegetables and to increase crop yield. Spray on land for 3 months continuously to improve soil quality.

Credits goes to Dr. Rosukon and Dr.(H) Joean Onn for sharing this valuable knowledge.

## How Make Garbage Enzyme

Black sugar is needed for making garbage enzyme. Brown or any raw unprocessed sugar can also be used but never use white sugar.



Kitchen waste is another ingredient used for the production of garbage enzyme. Leftover cooked food from meals like vegetables is usable too but rinse off any gravy or sauces from them first before using. Never use any kind of meat! Fruit skins should be taken from fruits like apple, orange, pineapple, pear, watermelon, grape, lemon, guava but don't use durians!

An example: Add 300g of sugar + 900g of fruit skins + 3000g of water and mix well in a 5000cc **plastic** bottle and cap tightly. Keep in a cool dry place at room temperature. Release



the gases formed once a day for the first month. Make sure it is re-capped tightly each time after the gas release. For the 2nd and 3rd months, only release any gases if necessary. Sometimes, there is a white layer on the surface of the enzyme solution during fermentation. Should worms appear in your enzyme solution, don't panic. Add in a handful of sugar, mix well and cap the bottle tightly. They will disappear overnight!

These bottles contain kitchen waste with sugar and water. Fermentation will take place in the bottles for 3 months. Then after filtration and removal of the residue, garbage enzyme is obtained. The residue can be used again for a new batch of production by adding fresh garbage. The residue can also be dried, then blended and buried in the ground as a fertilizer.



These bottles of garbage enzyme are ready for dilution with water to be used. Source: <http://www.o3enzyme.com/enzymeproduction.htm>