Summary information about mercury in CFLs

There are some important points that you should know about energy saving Compact Fluorescent Lamps (CFLs) such as the Ecobulb. These are:

General information about Lighting

1) A staggering 19% of the world's electricity goes into lighting up the world.
2) This is more electricity than the entire nuclear industry generates.
3) The electricity used for lighting also generates 70% as much carbon dioxide as all the worlds' passenger cars and light trucks.
4) Replacing all inefficient light bulbs such as incandescent light bulbs with energy saving bulbs such as Ecobulbs would allow us to turn off almost every nuclear power station on the planet!
5) This would also be equal to removing the carbon dioxide generated by one in three cars on the planet.
6) Consequently, Energy Mad developed their Ecobulb projects with the aim to get five Ecobulbs into 50% of the homes in New Zealand, and save all the electricity used by Christchurch homes.

Mercury in CFLs

1) When Energy Mad developed the Ecobulb projects we were aware that CFLs and other forms of efficient lighting (such as linear fluorescent lamps found in most office buildings) have small amounts of mercury in them.
2) Energy Mad therefore worked hard to ensure that the Ecobulb had an industry low mercury content.
3) The Ecobulb therefore has only a fraction of the mercury that other CFLs have.
4) The mercury content of the Ecobulb is easily lower than the toughest International Standards for CFLs.
5) We also found out that when electricity is generated by coal fired power stations, mercury is discharged into the atmosphere.
6) This mercury goes straight into the atmosphere, and eventually ends up polluting our water.
7) The water in the rivers and lakes next to many coal fired power stations throughout the world are heavily polluted.
8) Furthermore, the amount of mercury going into the air from the electricity used by an incandescent bulb is many times more than the amount of mercury contained in an Ecobulb.
9) Because Ecobulbs only require one fifth of the electricity used by incandescent light bulbs, only one fifth as much mercury is discharged from coal fired power stations to power Ecobulbs.
10) Also, the mercury in an Ecobulb is an "amalgam" solid form at atmospheric temperatures.
11) This means that even if an Ecobulb broke in a landfill, this amalgam in an Ecobulb will most likely remain inside the Ecobulb. It is extremely unlikely to leach out of the landfill.
12) This is certainly much better for the environment than greater amounts of mercury being discharged into the atmosphere from burning coal to power inefficient incandescent light bulbs.

Consequently, if you want to prevent mercury going into our air and polluting our water, replace your incandescent light bulbs with Ecobulbs!

Lessening climate change through economical energy savings!