



## THE BENEFITS OF USING THE TOUCAN ECO II AND TOUCAN MINI

### **COST BENEFITS**

The cost of generating 1 litre of Toucan combined disinfectant and cleaning solution is around 0.35p/l. This includes the costs of salt, electricity and water.

Payback time is dependent on the amount and cost of existing chemical disinfectant and cleaning solutions used, however most users estimate that the unit cost will have been paid back within 6-8 months, after which the cost of producing the Toucan solution is virtually free.

Back office processes such as procurement, delivery, distribution, storage, inventory and packaging disposal can be eliminated as compared with conventional chemical disinfectants and cleaning agents.

### **SAFETY BENEFITS**

- The solution's active ingredient is hypochlorous acid. This compound is produced naturally by our own bodies as one of our natural defences against infection. The body does not therefore react to hypochlorous acid as it is a naturally occurring compound in our bodies.
- The solution is non-allergenic
- The solution is non-hazardous and non-toxic
- It is non-irritant
- It will cause no harm if there is skin contact, if it is accidentally ingested or sprayed into eyes.
- It will not bleach clothes or fabrics

### **HEALTH BENEFITS**

Because hypochlorous acid is produced naturally by our own bodies as an infection defence, the Toucan solution will aid healing of cuts, grazes, fungus infections and skin infections. In particular, the Toucan solution is very effective in treating fungal infections of nails, Athlete's Foot, rashes and grazes.

### **CLEANING BENEFITS**

The Toucan solutions will remove dust, dirt, grease-marks and stains from hard surfaces and fabrics.

The solutions will leave surfaces smear-free with a polished, sparkling effect, even on difficult surfaces such as stainless steel.

The Toucan solutions should replace 90% of all cleaning agents used in common environments.

### **DISINFECTION BENEFITS**

The Toucan solution will kill 99.99% of all bacteria, viruses, fungi, moulds and spores. This means that only 100 bacteria per 1 million population will survive. This compares with all standard commercial disinfectants. However the disinfectant strength can be increased by activating the unit a second time and the kill rate will increase to 99.999% which means only 10 bacteria will survive in a population of 1 million.

The Toucan should replace 100% of all disinfection products used in common environments.



### ENVIRONMENTAL BENEFITS

- The Toucan uses only natural and sustainable ingredients - salt and water
- There are no synthetic chemicals in solution
- It is totally safe for the environment to dispose of any surplus solution direct to the drain
- No harmful chemicals reaching the environment through contamination of watercourses, land-fill, atmospheric pollution etc
- The solution is completely non-hazardous to macro-organisms including children and pets
- The cardboard packaging for the unit is recyclable
- Once the unit packaging has been disposed of for recycling, there is no further packaging required other than one plastic container of salt (750 grams) for every 250ls of solution produced.

The Toucan solution is generated on site, eliminating transportation, distribution and disposal. Compare this to purchased chemical disinfectants and cleaning agents where raw materials are manufactured and transported to a chemical factory, processed, packaged in bulk, transported to a central depot, re-packaged, distributed to sites, stored, un-packaged and finally used. This cycle is repeated every month.