CLEAN AND GREEN

創新負離子 ｜ 締造洗滌新理念 ｜

Ecorite uses ionised water to create a line of environmentally friendly products for home and industrial use
好環境以離子水打造出一系列環保產品，以作家居及工業的清潔用途

The overuse of pesticides, fertilisers and chemicals from detergents has caused increasing harm to the earth, the food chain and human health. Recognising the severity of the problem, William Chu, managing director of Ecorite Environmental Product Ltd, started looking for ways to reduce the effects of pollution. After many rounds of research, Chu discovered that water is the key, prompting him to introduce an advanced technology from Japan that transforms tap water into safe, pollution-free functional water with strong cleaning power.

Hi-tech water fights toxins

Chu says: "Observing the principle of using water as a tool and putting it to good use, we utilised new technology to restructure tap water into green, safe, pollution-free functional water with amazing cleaning power, drastically reducing the damage on marine habitats posed by chemical sewage.

好 環境環保產品有限公司負責人朱雄基先生，有感於農藥濫用情況嚴重，清潔劑的化學物質持續侵害地球，污染問題愈演愈烈，因而積極探求如何減少對地球的二次污染。經過多番研究後，朱雄基先生發現一切應由水開始，遂於日本引入嶄新科技，把自來水轉化成安全而無污染的強力洗滌功能水，讓用戶毋須再擔憂個人健康。

改變習慣 擊退化學毒素

他說：「我們本着『水為材、善其用』的理念，利用新科技將自來水重新塑造，成為安全、無污染、全面兼具有強大潔力的綠色洗滌功能水，大大減少化學污水對水體生態的危害，並研發出『水御衛』這個環保清潔品牌，堅持以無毒、無污染作為我們的核心價值。整個系列均建基於由日本引入的嶄新電解技術，將自來水放入特殊設備及進行電流處理後，再把處理過的自來水電離，然後收集成飽含氫氧根的負離子純水。」他又補充說，水御衛離子水內99.9%均是純水成分，絕無化學元素，讓家不再飽受化工物質的刺激。

Opposite: Ecorite has imported a machine that produces super-strong ionised water, allowing clients to make ionised water themselves and save on costs.

對頁： 好環境亦特別引入製作超級離子洗滌水儀器，讓大型客戶可自行製作離子水，以降低成本。

Top, from left: Hydro-Klean Pet Cleaning Water, Hydro-Klean Super Ionised Water and Hydro-Klean Fruit and Veggie Cleaner

上面，由左起： 水御衞寵物清潔水、水御衞超級離子水及水御衞蔬果洗潔水

Four products for everyday cleaning needs

Hydro-Klean Super Ionised Water, the first product from Ecorite, is applicable in a wide range of fields. "It can be used in homes, offices, hotels, schools, elderly homes, hospitals and other kinds of venues," Chu says. "As a cleaning agent, it is applicable

Accordingly, Hydro-Klean, an eco-friendly detergent brand that is toxin- and pollution-free, was launched.

"It features a collection of products made with the Japanese advanced technology of electrolysis. First, the tap water undergoes a purification process and is decomposed by an electrolysis machine. The purified water is then ionised and collected as alkaline water full of negatively charged ions."

He adds that 99.9 per cent of Hydro-Klean ionised water is made of pure water free of heavy metals and chemicals, so users are no longer prone to the health risks posed by chemicals.

on exhaust hoods, refrigerators, air conditioners, rice cookers, television screens, microwave ovens, porcelain, upholstered sofas, carpets and even vehicles. Since it only consists of ionised pure water and food-grade alkaline, it is safe to consume.

"Exhibited at the 2011 Eco Expo Asia in Hong Kong, it was approved and used by the Hong Kong Hospital Authority as an eco-friendly cleanser in the food and nutrition kitchen at Kwong Wah Hospital. Just spray and wipe, and all oil, dirt and odours in the air can be removed."

Following that product's success, Ecorite launched its Fruit and Veggie Cleaner, which challenges the conventional method of washing fresh produce. "In an era where the population is growing substantially, farmers tend to use vast quantities of chemical substances like fertilisers and preservatives to increase their yield and gain more," Chu says. "We all know that these chemicals are harmful. The Fruit and Veggie Cleaner can wash off the chemicals on the surface of the fruits and vegetables while prolonging their shelf life and preserving their nutrition value."

Chu has created a number of demonstration videos for the internet, inviting people to witness the effectiveness of his cleaning products.

Ecorite has also developed the Hydro-Klean Baby Disinfection Water and Pet Cleaning Water. Filling a humidifier with Baby Disinfection Water creates a mist containing ions that will eliminate foul odours and bacteria in the room, creating a healthy and hygienic environment for infants and children. Using both products can reduce water usage as well as protect human health and the environment from the hazardous effects of chemical detergents.

The company has completed research and development for new products such as make-up remover and mosquito repellent, which are pending release in the future. In addition, Hydro-Klean aims to promote ionised water as a cleaning agent in the ever-growing technology sector. Recently, the company introduced its ionised water production unit into the cleaning operations of chemical cleaning agent and circuit board factories on the mainland, helping to reduce waste-water discharge and the costs associated with it. It is hoped that the industrial practice of sewage disposal can be improved when companies learn more about Hydro-Klean and take steps to protect the environment. **M**

四大系列 全面潔淨生活範疇

好環境率先推出市面的水御衞超級離子洗潔水，其應用範疇十分廣泛。「它能應用於家居、工商業、酒店、學校、醫院等各類場所，以作清潔用途，例如清洗抽油煙機、電冰箱、微波爐、瓷器、布藝梳化甚至電飯煲等。由於其成份只包含帶負離子的純水及食品級鹼，因此非常安全。它更參加2011年香港國際環保展，及後經香港醫管局審批，為香港廣華醫院所採納，用於清潔膳食營養部廚房。只須一噴一抹，已能達到除油去污、淨化空氣的功效。」

而水御衞其後所推出的蔬果洗潔水，亦顛覆了傳統清洗蔬果的思維。「在人口膨脹的世代，農民往往為了提高產量而大量灑上農藥、保鮮劑及防腐劑等化學物。這些化學物質對身體的禍害人所共知，而水御衞蔬果洗潔水就能清除蔬果表面的農藥、殺蟲劑等添加劑，且更可延長食物的保鮮期，保留營養鮮味。」朱先生更拍攝了不少示範短片分享至互聯網，讓更多人見證產品的功效。

此外，好環境亦有研發專為小朋友而製的水御衞嬰兒清潔離子水，以及特別為動物而製的寵物清潔水。

只需把產品注入空氣加濕機中作噴霧用，當中的負離子即能發揮消除室內異味及細菌的功效，不但為寶寶及寵物創造健康衞生的環境，亦可消除嘔吐或排泄氣味，更能清潔寵物的毛髮，方便簡單。使用這些產品亦能幫助每個家庭節約用水，減少化學清潔劑對人體及水土的污染。

水御衞現已完成卸妝水、防蚊止癢水等新產品的研發，正等待合適時機推出市面。而在技術日趨成熟下，水御衞現正把離子水推廣至工業洗滌用途，近日更成功將離子水生產設備引入國內的化工洗滌劑及印刷電路板廠洗淨作業，有助降低污水排放，並達到節省排污費的目的。只要更多工業商號對水御衞有所認識，便有望改善整個行業的排污生態，為環保多出一分力。**M**

Below: William Chu, managing director of Ecorite Environmental Product Ltd

下： 好環境環保產品有限公司負責人朱雄基

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