

Case Study



Customer

Food Distribution Company

Situation

Uric acid crystals
= constant blockages
= out of order

Challenges

Waterless urinals,
poor maintenance
with high footfall

Background

Uric acid is odourous and, if neglected, will corrode plumbing, pipework and fittings. The build-up of uric acid crystals, coupled with limescale, will damage plastic and copper fittings which is often unseen and therefore discovered too late. This can involve the repair/replacement of a urinal. Most maintenance companies provide small disinfectant blocks to disguise the odour, however these do not deal with the uric acid build-up.

Waterless urinals are becoming more commonplace and these will accelerate the build-up of uric acid.

Solution

Eco Tabs was asked by a fast food restaurant to help with the ever increasing problem of blocked urinals (waterless), due to the build up of uric acid crystals within the urinal and surrounding pipework. Additionally, this issue was causing smells and, ultimately, would lead to the facilities being out of order.

2 x 25g doses of uric acid powder were administered and washed down with water. This allowed the bacteria within the Eco Tabs uric acid powder to digest the uric acid crystals at source and build a bacterial colony within the pipework to constantly digest arriving uric acid. Followed by 1 x 25g monthly dose.

This leading fast food establishment is now using Eco Tabs uric acid treatment across all of their offices and distribution centres.

ECO TABS ARE 100% ENVIRONMENTALLY FRIENDLY AND 100% SAFE FOR ALL HUMAN, ANIMAL, AQUATIC AND WILDLIFE.

For more information, please contact Martin Hutchings on **07931 111 419** or martin.hutchings@eco-wmt.co.uk

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Eco Tabs Uric Acid Tablets – FAQ

Why are Eco Tabs better than my current products?

Eco Tabs uric acid tablets are **unique and 100% environmentally friendly**. All other products simply mask odours and do not get to the root of the problem – namely **uric acid build-up** that corrodes metal and plastic pipework and fittings.

Eco Tabs **digest uric crystals** and **prevent further build-up** without damaging pipework and fittings. Odours are also removed naturally.

Do Eco Tabs work out better value than my current products?

Yes. Harmful disinfectant blocks, descalers, mats, sleeves, air fresheners, deodorisers, biocides, acids, bleaches, enzymes etc are products that do not prevent uric acid build-up. Even with regular use, there is a likelihood of blockages, meaning the costs and risks are high.

One Eco Tab into a urinal per month **reduces costs by 40% to 50%**, dependent on usage. It's that simple.

Are there any other benefits of using Eco Tabs?

Eco Tabs are the only product on the market to **digest (eat) uric acid crystals naturally**. Eco Tabs also have **built-in oxygenation agents**, which add much needed **aeration to waste water**. Continued use will not only inhibit rust, scale and corrosion, therefore **extending asset life**, the treatment also has **zero impact on the environment**.

Do Eco Tabs work in waterless urinals?

Yes. Some companies have embarked on a water consumption reduction programme and others have moved to waterless urinals. Both these exercises, unfortunately, accelerate and exacerbate uric acid build-up in urinals. Odours will be stronger and the risk of blockages greater.

Eco Tabs are dehydrated, non-pathogenic (non-toxic) bacterial tablets that once wet, will come to life and search for a food source, eg uric acid crystals. When the uric acid has been digested, the bacteria die off and are washed away in the waste water.

Are there any negative side effects?

No. The uric acid crystals are digested (eaten) naturally within the urinal, pipework and fittings. The **by-products are 95% aerated water and 5% carbon dioxide (CO₂)**. All Eco Tab products are **100% environmentally friendly**.

Benefits

- Each tablet contains over 5 billion bacterial CFU
- Natural ingredients, 100% non-toxic and 100% environmentally friendly
- 100% safe for human, animal, aquatic, avian and wildlife
- No PPE required
- Dosage - typically one tablet per urinal per month, dependent on footfall
- Product link – Bunzl Product Code 044009
- MSDS and technical data available upon request