

Kemira

Where water
meets chemistry™



KEMIRA DESINFIX®

CLEANER WATER WITH INNOVATIVE
DISINFECTION TECHNOLOGIES

RELIABLE DISINFECTION REDUCES THE RISK OF INCREASING POLLUTION

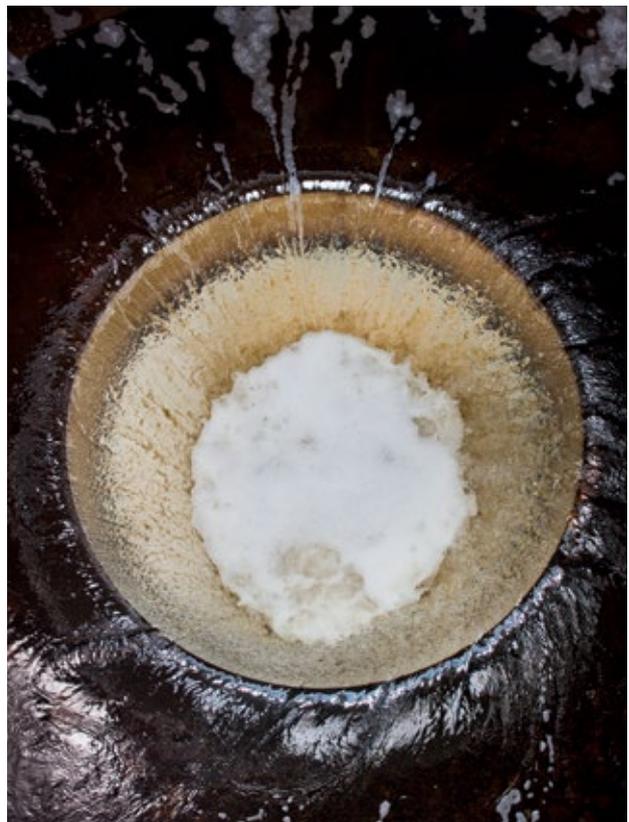
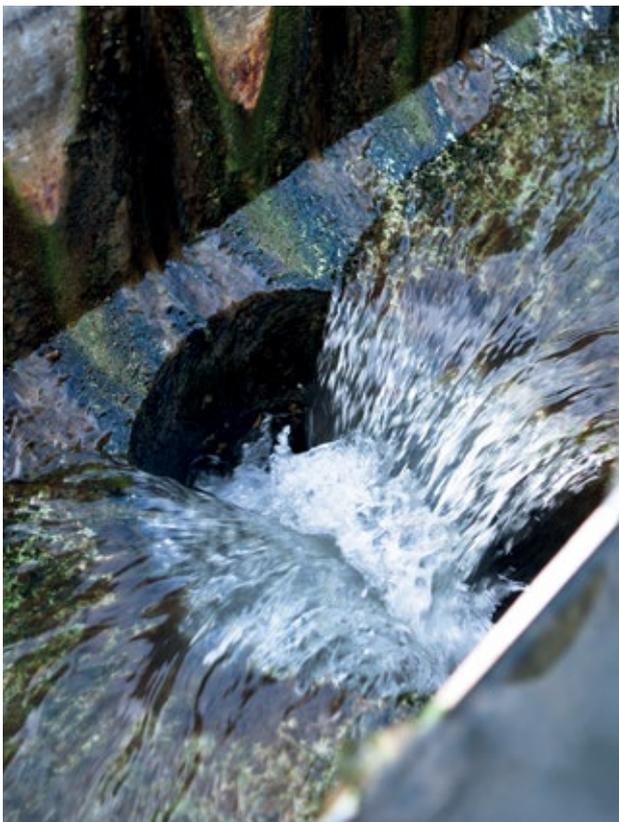
Wastewater operators are increasingly dependent on disinfection to minimize health risks. The need is greatest in densely populated areas. Hygiene must be kept high, which demands immediate action at treatment plants that also face tightening regulations.

We at Kemira provide application expertise and chemicals that enable improved water treatment efficiency. Our high-performing products and value adding support make us an ideal partner for municipalities and industries.

Kemira DesinFix® is a rapid and safe method for disinfecting raw, wastewater and storm water.

BATHING WATER QUALITY ENFORCED

The quality of bathing water is under threat especially in densely populated areas. To improve the quality of the environment and protect human health, the Bathing Water Directive (EU Directive 2006/7/EC) will be in full-force in 2015. DesinFix reliably reduces E. Coli and Enterococci to meet the directive.



WE ENSURE YOU GET RESULTS FAST AND RELIABLY

We can support you in cleansing contaminated waters. Disinfection removes health risks, an unpleasant look, and nasty smells caused by e.g. waste, animal excrement, or bacteria-filled outlet from wastewater treatment plants.

With DesinFix these problems can be dealt with in an environmentally sustainable way. Our expertise and experience in water management can support yours, and solve your needs fast.

PFA = Performic acid

- highly reactive.
- reaction product of formic acid and hydrogen peroxide.
- disinfection activity is based on active oxygen.



BENEFITS OF DESINFIX

- very cost-efficient installation.
- not restricted by high concentration of suspended solids.
- no toxic disinfection by-products.
- lethal to microorganisms – leaves bacteria, fungi, and viruses dead without possibility for reactivation.
- not restricted by the water's iron content.
- no need for upstream sand filters or membrane systems.
- halogen-free disinfection.
- simple and fast to apply.

LET'S MAKE DISINFECTION CONVENIENT, RAPID AND SAFE

Convenience is a word rarely matched with disinfecting wastewaters, but with DesinFix we can really talk about that. The package includes all the required chemicals, and a unit for mixing and dosing them. This turn-key cabinet contains a fully automated system installed by Kemira. Applying the solution for the results you need is immediate.

We also offer training as well as maintenance and technical support. DesinFix® is a low investment, low operating and cost-efficient disinfection solution.

DESINFIX IS LETHAL TO

BACTERIA	
Bacillus anthracis	Legionella pneumophila
Vibrio cholerae	Pseudomonas aeruginosa
Enterococcus hirae	Salmonella typhimurium
Yersinia pestis	Staphylococcus aureus
Escherichia coli	Total aerobic bacteria
Faecal coliforms	Clostridium perfringens
Faecal streptococci	Enterococcus faecalis
FUNGI	
Aspergillus Niger	Candida albicans
SPORES	
Bacillus subtilis	Clostridium difficile
VIRUSES	
Somatic coliphages	Levivirus; MS2 coliphages
PARASITIC WORMS	PROTOZOA
Helminth ova	Giardia lamblia cysts



DISCLAIMER:

Kemira makes this information available as an accommodation to its customers and it is intended to be solely a guide in the customer's evaluation of the products. You must test our products to determine if they are suitable for your intended uses and applications, as well as from the health, safety and environmental standpoint. You must also instruct your employees, agents, contractors, customers or any third party that may be exposed to the products about all applicable precautions. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. You assume full liability and responsibility for compliance with all information and precautions, and with all laws, statutes, ordinances and regulations of any governmental authority applicable to the processing, transportation, delivery, unloading, discharge, storage, handling, sale and use of each product. Nothing herein shall be construed as a recommendation to use any product in conflict with patents covering any material or its use.

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