

# AbScent™

Chlorine Dioxide Odour Control

**DESTROY ODOURS,  
DON'T MASK THEM**



# AbScent™ Odour Control

Traditional odour neutralisers only mask or absorb bad smells, rather than destroying them. AbScent™ sachets can be used to tackle persistent, strong odours in challenging conditions, where other products fail.

## What is AbScent™?

An industrial strength, powerful and easy to use odour control product, which destroys bad smells rather than masking them. AbScent™ eliminates bad smells caused by mould, chemical substances, mildew, fungi and bacteria. AbScent™ does not require any expert knowledge or special equipment, and has been developed by Scotmas to provide a convenient and effective way to tackle difficult odour problems.

## How it Works

AbScent™ uses the power of Chlorine Dioxide (ClO<sub>2</sub>) to remove odours by “selective oxidisation”, meaning the neutraliser is targeted where it is needed most. The self-activating sachets react with the humidity in the air to release a sustained and controlled amount of ClO<sub>2</sub>.

AbScent™ releases ClO<sub>2</sub> vapour in very small amounts (<0.1 ppm/hr.) when exposed to atmospheric moisture. Chlorine Dioxide can penetrate porous surfaces removing odours deep within fabrics, wood or drywall.

After the ClO<sub>2</sub> has been released, the material safely reduces into common salts. Simply hang in an unoccupied room, such as a cellar.

In difficult cases where there is significant bacteria or mould growth, we advise using AbScent™ along with our range of Hysan™ hygiene products, to target and destroy the source of the smells.



## AbScent™ In Action

AbScent™ is used in a wide range of situations, for organisations such as disaster recovery firms, hygiene contractors, industrial manufacturers, and care homes. The benefits of AbScent™ for powerful and cost effective odour control are proved repeatedly.

- **Fires:** destroy the smell of smoke
- **Floods:** remove smells following flood damage
- **Vermin smells:** destroy odours from dead rats or mice, e.g. in lofts or cavity walls
- **Care homes:** empty rooms refresh
- **Vehicles:** banish tobacco smells when selling cars, simply hang sachet from rear view mirror
- **Air conditioners:** remove “fusty smells” due to the build-up of bacteria on filter heads
- **Cellars & basements:** damp smells, mildew and mould
- **Libraries:** mould; hang sachets between book shelves
- **Marine odours:** boats and yachts with damp smells
- **Kennels and pet odours:** destroy smell of urine and faecal matter
- **Sports gear:** athletic equipment, shoes and boxing gloves
- **Window mould:** mildew and mould on wood windows
- **Industrial and sanitary bins:** residual waste smells
- **Poultry:** odour control in egg storage, hatchery area, processing plants

## Key Features

- ✓ Powerful odour control for persistent or strong odours
- ✓ Convenient, easy to use sachet
- ✓ Destroys odours without the use of masking agents or perfumes
- ✓ Penetrates porous surfaces removing stubborn smells



## How to Apply AbScent™

AbScent™ products are designed to generate ClO<sub>2</sub> in proportion to the amount of relative humidity (RH) in the air. AbScent™ sachets should be applied with careful consideration to the amount of humidity present and the size of the room, in order to ensure that occupational exposure limits (currently 0.1mg/l ClO<sub>2</sub> in air over 8 hours) are not exceeded. Levels of ClO<sub>2</sub> in the air can be easily measured using test kits or gas sensors commercially available.

Generation of ClO<sub>2</sub> at RH levels of 40-60% takes place in less than one hour at normal temperatures (18-24°C). At temperatures below 5°C and RH levels below 30%, ClO<sub>2</sub> generation is much slower requiring at least 12 hours before any significant concentration is produced. By contrast, at temperatures above 21°C and RH above 60%, ClO<sub>2</sub> is generated in minutes.

ClO<sub>2</sub> in the air reacts quickly with contaminants and is also decomposed by sunlight and fluorescent light.

ClO<sub>2</sub> produced by AbScent™ sachets may discolour or damage oxidisable materials and fabrics in very close proximity or directly below the sachet. It is recommended that AbScent™ sachets be hung or placed as far away as possible from soft furnishings. AbScent™ sachets should not be allowed to become exposed to high humidity or heat >35°C.

AbScent™ products should be stored in the original unopened package until ready for use. Store in a cool, dry area away from heat or open flame.

Volume of room	Number of AbScent™ sachets	Comments
40 - 80 m <sup>3</sup>	1 x sachet	Check humidity levels do not exceed 70% in spaces smaller than 40m <sup>3</sup>
80 - 200 m <sup>3</sup>	2 x sachet	Place far apart so as to treat the whole room evenly

## Performance Benefits

- Saves money - one application for long-term odour elimination
- Saves time - sachets can be left to work without monitoring
- Reduces or removes the need for fogging or aerosol applications
- Highly cost effective as it is targeted where it is needed most
- No harmful by-products produced, unlike Chlorine based products
- Simple instructions for ease of use, plus built in indicator
- Does not lose effectiveness in variable pH environments
- Destroys odours and does not introduce or leave residual perfumes in area
- Minimal risk of accidental damage





Scotmas Group are world leading manufacturers of Chlorine Dioxide products and dosing systems. Scotmas were the first Company to produce simple, easy to use Chlorine Dioxide products and equipment. With over 30 years' experience, our friendly and approachable team of chemists, microbiologists, engineers and project managers are able to provide "off the shelf" products or a complete turnkey service.

Choose Scotmas for expertise in Chlorine Dioxide solutions.

## Scotmas Group

Purify • Protect • Perform

Spylaw Road, Kelso, Scottish Borders, Scotland, TD5 8DL  
Tel: +44 (0)1573 227307 E-mail: [enquiries@scotmas.com](mailto:enquiries@scotmas.com)  
[www.scotmas.com](http://www.scotmas.com)

v.1

Use biocides safely. Always read the label and product information before use.