

# XELEX XPO

Central Heating Additive



## A CENTRAL HEATING INHIBITOR THAT MAINTAINS SYSTEM PERFORMANCE

### 'PREVENT PROTECT PERFORM'

XPO is a high performance BuildCert approved central heating inhibitor. It is formulated to protect and improve overall central heating system operation and efficiency. XPO gives excellent performances in every type of water (hard, soft, and demineralised) and is compatible with aluminium and non-metallic components.



#### A CLEAN & PROTECTED SYSTEM SAVES £'s ON HEATING COSTS

- X Inhibits corrosion and scale formation
- X Prevents boiler noise and gas formation
- X Ensures optimum boiler efficiency
- X Extends operational lifetime of system
- X Suitable for use in all types of water
- X Compatible with aluminium components
- X Compatible with elastomeric components
- X Low toxicity
- X Does not contain phosphate, borate or nitrite
- X Neutral pH and easy to handle
- X A simple test kit is available to check levels

“PROTECT AND SAVE”

'XPO is the best way to protect your central heating system and maintain system performance'

## How it Works?

XPO advanced Buildcert Inhibitor formula which prevents the chemical reaction in the central heating system between metal components and water. This reaction is called corrosion or rust.

XPO contains a strong buffer system to control the pH of the central heating system water in the optimum range for protection of the system

XPO interferes with the process that forms magnetite by stabilising the water. XPO slows this process down.

XPO will maintain overall efficiency of the central heating system, it is recommended that a magnetic filter such as the Xelex Magnex is fitted to the system to further reduce the harmful effects of magnetite particles.

XPO Protection begins as soon as it is added to the water and will continue to provide the same protection and performance with just the one single application. \*

If water is completely drained from the central heating system, XPO will need to be added or topped up as required. The system Inhibitor levels should be checked on an annual basis using a simple test kit.

# XELEX XPO

## How to Use?

### DOSING AND FEEDING

A 500ml bottle of XPO will treat a 100 Litre system, or a domestic installation of 10-12 radiators. Larger or commercial systems should be dosed with 0.5% v/v XPO according to system water volume, see: [www.xelexglobal.com/faq](http://www.xelexglobal.com/faq) on how to estimate system volume.

For best results and to achieve maximum boiler performance, systems should be cleaned in accordance with BS7593. New systems and those that are less than 6 months old should be cleaned first with Xelex XP3 new system cleaner. Older systems should be cleaned with Xelex XP4 heavy duty cleaner and sludge remover. If the system is in a hard water area or the boiler is noisy due to limescale deposits, it is recommended that Xelex XP5 limescale preventer is used alongside XPO or XP2 after the system has been thoroughly cleaned.

For use in indirect systems only: Open systems should be dosed via the filling and expansion tank, dosing vessel or by-pass feeder. If system is full, draining at a low point should be carried out to ensure product enters the circulatory system.

Sealed systems: If system is empty add XPO at any convenient point, if full XPO should be added via filling loop using a dosing vessel or through a radiator drained by the equivalent of the amount being dosed.

### PHYSICAL PROPERTIES

XPO contains molybdate and organic inhibitors as part of the multi-metal corrosion protection system, but contains no ingredients such as phosphate, borate or nitrite.

State: Liquid  
Colour: Pale Yellow  
Odour: Slight  
Solubility in water: Soluble  
Boiling point/range °C: 100 °C  
Melting point/range °C: -4 °C  
Specific gravity: 1.07

### SAFETY DATA:

SDS sheet available on request  
CAUTION – as with all chemicals  
Handle with care.  
Not to be taken internally.  
Avoid contact with skin and eyes.  
Keep out of reach of children and animals.  
In case of contact with eyes and / or skin, rinse immediately with plenty of water  
Store in ventilated area, keep container tightly closed  
Non-flammable  
Not considered hazardous to health



## OTHER PRODUCTS IN THE RANGE

- XELEX XP1** Energy Saving Additive (ESA)
- XELEX XP2** Buildcert Inhibitor including (ESA)
- XELEX XP3** New System Cleaner
- XELEX XP4** Heavy Duty System Cleaner
- XELEX XP5** Limescale Preventer
- MAGNEX** Magnetic Filter
- XKALER** Limescale Minimiser
- XSMART** Combi Boiler Water Saver

PACKAGING : 500 Millilitre Bottle, 5 Litre Cubic container

FACT SHEETS IN OTHER LANGUAGES AVAILABLE ON REQUEST

Disclaimer: Xelex XPO is proven safe to use in a central heating system. Xelex Global Ltd, cannot accept any liability for the incorrect use of this product, and advise that any changes to your central heating system be carried out by a fully trained plumber.