SAFESOL.
THE CLEVER LITTLE CHEMICALS COMPANY

HELPSHEET

Rad-X

Domestic Central Heating System Cleaner

What: Rad-X Cleaner for domestic central heating systems

Where: Domestic central heating system.

When: Rad-X should be applied to any domestic central heating system prior to commissioning. It can also be used to aid flushing of debris from a fouled or dirty system.

Why: Heating systems should be kept as clean as possible throughout their life span. This process starts with ensuring the system is as clean as possible prior to commissioning. Rad-X is used to assist the removal of debris from a dirty heating system.

How:

Step 1) You first of all need to know the volume of the system that is being cleaned. In a domestic hot water system, it is normally 10 litres per radiator. A double radiator will count as two radiators.

Step 2)

Water system volume	Amount of Rad-X needed (litres)	Bottles of Rad-X 1 litre needed
100 litres	1 litres	1
200 litres	2 litres	2
300 litres	3 litres	3
500 litres	5 litres	5
1000 litres	10 litres	10

Step 3) Flush the system with clean water prior to the introduction of Rad-X.

Step 4) The system should be dosed with 1 litre Rad-X per 100 litres of system water (1% solution). This should be added to the system via a pressure sprayer, dosing pump or an off- line radiator.

Step 5) Circulate Rad-X for as long as possible but at least 4 hours. Performance will be improved by heating the system to 60°C.

Step 6) Flush the system to remove chemical and debris. Once flushing is complete, refill with fresh water and add Rad-Save to give the system corrosion protection.

Please note: When central heating system is fouled or dirty then a 2% solution of Rad-X should be applied. This would be 2 litres per 100 litres of system water.

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Rad-X Health and Safety

SAFESOL advocates the use of appropriate safety equipment when using any chemical.
Please refer to the MSDS sheet and product label prior to use.

Gloves and eye protection should always be worn when handling. To protect skin and clothes wear a boiler suit.
Before using any chemical, you should always reference your in-house Risk Assessments and Method Statements.