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**SERIE 4246
RBM CAPS
DR4™ SOLID
BIOCIDE CAPSULE**

For low temperature heating & cooling systems.

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For low temperature heating & cooling systems.



Code

42460002

DESCRIPTION

DR4™ is a solid form broad-spectrum biocide contained in a water soluble capsule manufactured from PVOH. DR4™ is designed to inhibit the growth of algae, bacteria, yeasts, and fungi in process waters used in low temperature heating systems such as heat pumps and underfloor heating systems. DR4™ is especially effective against Pseudomonads including NRB & SRB species which are particularly troublesome in low temperature heating systems.

DEGRADATION/STABILITY

DR4™ provides excellent broad-spectrum activity against bacteria, yeasts and moulds.

DR4™ is effective over a wide pH range and is readily biodegradable.

HOW MUCH TO USE

- 1 x 30g capsule will treat 100 lt of system volume.
- DR4™ should be dosed to the system via a suitable filter device.

USE INSTRUCTIONS

Remove the water soluble sticks from the cardboard outer box, then place into the open filter device, replace lid and place filter into circulation.

Sticks will dissolve within 30 minutes in flowing hot water (60 °C).

The system should be left circulating at operating temperature for at least 1hour after dosing is complete to ensure effective treatment of the system.



1. Remove capsule from box



2. Add capsule to system filter



3. Dissolves within 30 minutes

PROPERTIES

| | |
|-------------------|----------------------|
| Appearance | Solid – White |
| Odour | characteristic |
| pH | 3.0 - 6.0 @1% ~ 7@1% |

HANDLING AND STORAGE

DR4™ should be kept away from oxidising agents in a cool dry area. Properly stored, the product will remain effective for 12 – 18 months.

Temperature 10–35 °C / humidity <80% and managed on a FIFO basis. Consult Safety Data Sheet for further information.

SPILLAGE AND DISPOSAL

DR4™ is a solid product. In the unlikely event of a spillage, do not allow to enter water course or drains. Small spillages – dilute with plenty of water and wash to waste.

PACKAGING

DR4™ is available in 30g capsules packed individually in a cardboard carton.

DOSING:



| | | | | |
|------------------------------|--------------------|--------------------|--------------------|--------------------|
| Dosing | 3 Caps | 1 Caps | 2 Caps | 1 Caps |
| Hydraulic content | 100 l | 100 l | 100 l | 100 l |
| Radiant UFH system surface | 100 m ² | 100 m ² | 100 m ² | 100 m ² |
| Number of radiators | 10 | 10 | 10 | - |
| Number of radiators per dose | 10 | 10 | 10 | - |

| System type | Description | CAPS | Note |
|-------------|-------------|------|------|
|-------------|-------------|------|------|

| | | | |
|------------------------------------|--|-----------------|---|
| New - High Temperature (radiators) | Washing + Protective Treatment | DR1 + DR2 | DR1+DR2 can be inserted at the same time because DR2 does not need to be drained |
| New - Low Temperature (radiant) | Washing + Protective Treatment + Biocide | DR1+DR2+DR4 | DR1+DR2+DR4 can be inserted at the same time because DR2 does not need to be drained |
| Dated / heavily compromised | Washing + Protective Treatment + Biocide (UFH) | DR3 + DR1 + DR4 | In the case of very compromised systems, washing must first be carried out with the strong DR3 cleaner, leaving it in circulation for up to a maximum of 14 days, then once drained, the system is refilled by adding the DR1 protective. Also add DR4 if the UFH |



STORAGE WARNINGS

Store the product in the closed package/container in a clean area protected from frost, moisture, exposure to sunlight, heat sources, open flames or sources of ignition. Avoid sudden temperature fluctuations by maintaining optimal temperature and humidity conditions (temperature 10-35 °C / humidity <80%). Ensure that there is no danger of damage from the presence of other miscellaneous materials or possible handling by unauthorized persons.

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