

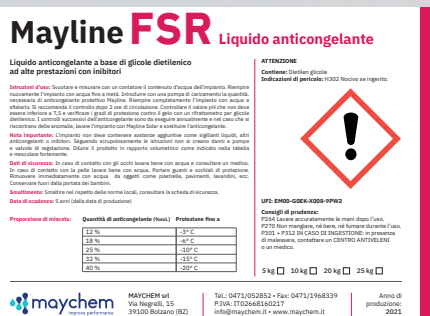
# Mayline FSR

Antifreeze agent

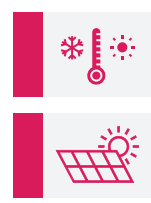
**Inhibited high performing diethylene glycol based antifreeze agent**

Mayline FSR is a high performing antifreeze liquid based on diethylene glycol, combined with a protective package of inhibitors. This specific formulation avoids the formation of rust and corrosion on all materials present in a system such as iron, steel, copper (and its alloys), aluminium (and its alloys), synthetic materials (eg PEX pipe) and mixed materials (eg multilayer pipe) and protects too gaskets and seals.

Mayline FSR is suitable for protecting all types of solar thermal systems with vacuum collectors, designed to use with diethylene glycol.



code	package
10/MYFSR	10 kg canister
20/MYFSR	20 kg canister
25/MYFSR	25 kg canister
200/MYFSR	200 kg drum
1000/MYFSR	1000 kg IBC



## Instructions for use

For systems to restore, empty the circuit and load with the clean water, then use a cleaner as Mayline SOLAR for removing the degraded antifreeze mix of glycol/water. For further details, see the technical data sheet of Mayline SOLAR. Calculate the content of the system for the correct amount of Mayline FSR in the needed mixing proportion. Half fill the system with water, then add the antifreeze agent Mayline FSR, and fill the circuit completely with water, vent it well and turn on the pumps to put the water/glycol mix into circulation. After about an hour (after 2-3 hours on large systems) check the concentration with an optical refractometer for diethylene glycols to determine the freeze protection. If the freeze protection is too low, add further antifreeze agent Mayline FSR. It is recommended to check the needed antifreeze protection and that the pH value is not lower than 7.5, to be carried out at least every 12 months to ensure a proper functioning.

## Important note

Restore the system with a cleaner such as Mayline SOLAR, and then thoroughly rinse the system with the clean water before inserting Mayline FSR with the clean water. Mayline FSR can be mixed with the protective agent Mayline K32 for mixing proportion less than 30%, as well with Mayline self-sealing liquid Mayline F, but NOT with other chemicals or substances. Dilute the product in volumetric ratio as indicated in the table and mix it very well. Antifreeze mix of glycol/water with a pH value lower than 7.5, must be replaced.

## Mixing proportions

amount of antifreeze (% vol.)	antifreeze protection at
18 %	- 6° C
25 %	- 10° C
32 %	- 15° C
40 %	- 20° C
47 %	- 25° C

**Check** the needed antifreeze protection and the pH value is not lower than 7.5, to be carried out at least every 12 months to ensure a proper functioning. Antifreeze mix of glycol/water with a pH value lower than 7.5 must be replaced.



## Security instructions

In the event of eye contact, rinse eyes thoroughly with much water and consult a doctor. In the event of skin contact, rinse well with water. Wear gloves and protective eyewear. Use water to immediately remove the product from objects such as tiles, flooring, wash basins, etc. Keep out of reach of children!

## Disposal

For information concerning the disposal of effluent and liquid waste, please consult the corresponding safety data sheet or the information sheet.

# Mayline FSR

Inhibited high performing diethylene glycol based antifreeze agent



Inhibited antifreeze agent for heating systems



Inhibited heat transfer fluid for solar thermal installations

**ATTENZIONE**

**Contains:** Diethylene glycol

**Hazard statements:**  
H302 Harmful if swallowed.

**Consigli di prudenza:**

P264 Wash hands thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P301 + P312 IF SWALLOWED: Call a POISON CENTER or a doctor if you feel unwell

## Notes

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