

IDEAL FOR INSIDE AND OUTSIDE THE GREENHOUSE

GS-4 GLASSCLEANER

GS-4 is one of the successful products developed by Mardenkro in its own laboratory.

GS-4 removes all dirt from the inside and outside of the greenhouse.

Soot, dust, calcium deposits, algae and other types of dirt are removed in a simple, effective way.

GS-4 contains no hydrogen fluoride and has virtually no vapour effect. So GS-4 is safer for humans, for the environment and for crops.



advantages:

- *does not contain any hydrogen fluoride*
- *developed specifically for greenhouse horticulture*
- *will not roughen the glass*



harmless to the environment

Horticulture
Group

Horticulture - 0800 855 255
TasmanCrop - 0800 855 255
HortFertplus - 0800 273 748

GS-4 GLASSCLEANER

Your greenhouse and GS-4

The cleaning of greenhouses is of great economic importance. The ideal method to achieve a truly clean greenhouse is the use of a cleaning agent which contains fluoride. It will dissolve an extremely thin layer (a few microns) of glass. This will cause the dirt to disconnect from the glass so that it can be washed away with water, without using any mechanical tools.

Why GS-4?

Many glass cleaners contain hydrogen fluoride as active ingredient. Using such products has many serious disadvantages:

- Hydrogen fluoride is a highly toxic gas dissolved in water. Products based on this substance have a vapour effect and are therefore harmful to humans as well as to crops.
- Hydrogen fluoride acts very aggressively on glass. It roughens the glass, thus accelerating the accumulation of dirt.

GS-4 does not have these disadvantages.

GS-4 has a sophisticated system of surface tension reducing substances, which make the product flow across the glass in an even pattern, also when the glass is extremely dirty.

GS-4 is a product based on ammonium-bifluoride.

Both elements ensure that the glass will become perfectly clean in a responsible way. In addition, GS-4 has virtually no vapour effect due to the use of ammonium-bifluoride.

GS-4 and the environment

If GS-4 is used correctly, the ammonium-bifluoride is entirely transformed into ammonium-hexafluorosilicate. This silicate reacts with substances in the soil, forming compounds which are naturally present in the soil. The residual water containing GS-4 can be drained into surface waters.

GS-4 and your health

Ammonium-bifluoride solutions are corrosive. Avoid eye and skin contact by wearing safety goggles and protective clothing. In case of skin contact, thoroughly rinse with water. In case of eye contact, rinse with clean water for at least 10 minutes and consult a physician.

The advantages of GS-4 in a nutshell

- Virtually no vapour effect
- Excellent moistening, even if the glass is very dirty
- Excellent cleaning ability
- Harmless to humans, crops and the environment

Ever since its introduction many years ago, GS-4 has proven its effectiveness in cleaning greenhouse glass. Using GS-4 means that satisfaction is guaranteed.

Instructions for use

Depending upon the amount of dirt on the glass, GS-4 should be diluted with clean water 10 to 20 times. Apply GS-4 to the glass by misting. Allow to act on the glass and then rinse it with generous amounts of water.

Important:

- GS-4 contains solid ingredients. After application, do not allow the product to dry on the glass.
- GS-4 cannot be used to remove chalk.
- Do not drain the dilution with GS-4 into a basin.

Advice:

On toughened glass, test on one window on the inside and outside. Evaluate clarity after rinsing and drying.

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