

# TECHNICAL DATA REPORT

HS 6710

## KASCLEAN End-of-Season Greenhouse Cleaner

### DESCRIPTION:

Mix of mineral acids, wetting agents, suspending agents, and inhibitors.

### PURPOSE:

To clean and remove whitewash coatings, algae, mildew, oil, grease, dirt, calcium and other hard water deposits for end of season cleaning of structures/irrigation lines/tanks to create a sanitary environment for new crops.

### HOW TO USE:

**WHITEWASH SUNBLOCK COATING REMOVAL:** Use large volume sprayer to apply KASCLEAN solution for whitewash removal. Dilution rate for this application is 30 to 50 ml KASCLEAN per litre of water. ALWAYS add KASCLEAN to cold water. Thoroughly wet all surfaces with KASCLEAN solution so that all areas are 100% covered. Allow the KASCLEAN solution to remain on the surfaces for 3 to 5 minutes. DO NOT ALLOW the solution to dry. Use a pressure washer or high volume hose to rinse and remove the whitewash and KASCLEAN solution.

#### **WATER SYSTEM AND EQUIPMENT SANITIZING:**

1. Remove all pH and conductivity electrodes as they can be damaged by acid.
2. The irrigation lines should be flushed with a 2% solution of KASCLEAN. This will remove inorganic incrustations (scale) and organic deposits (biofilm). Tanks and other equipment might need some scrubbing.
3. Drain the line and equipment and flush with clean water till the pH at the end of the line is the same as the water.
4. To disinfect, the lines and tanks can be filled with a 1 to 500 solution of IX-91. This will give 35 ppm active Iodine per litre solution and will kill all residual bacteria, viruses, moulds, yeasts and other pathogenic organisms.

**NB** All plants and delicate materials must be removed from treated area prior to cleaning or removing whitewash from structures. Any contact with plants or delicate surfaces may cause damage. Solutions of KASCLEAN that dry up on glass may irreversible etch the surface.

Always wear safety glasses and protective clothing when working with KASCLEAN or its solution.

### PRINCIPAL USERS:

Horticulturist with greenhouses.

### ADVANTAGES:

- 1) Works quickly.
- 2) Removes a wide variety of dirt, grease or oil.
- 3) Efficient remover of whitewash.
- 4) Easy to apply and easy to rinse.
- 5) Efficient wetting to ensure rapid penetration of deposits.
- 6) Can be used to free irrigation lines and water tanks from deposits, algae and salt deposits.
- 7) Biodegradable.

### PRECAUTIONS:

Avoid contact with skin, eyes and clothing. Do not mix with any other chemicals. If in contact with skin, flush with water for 15 minutes. If in contact with eyes, flush with water for 15 minutes and get prompt medical attention. If ingested, drink large quantities of water. Do not induce vomiting. Call a physician promptly. Keep out of reach of children. Read

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## SPECIFICATIONS:

Material Safety Data Sheet.

pH ..... 3.0 - 3.2  
Physical Form ..... Clear liquid  
Colour ..... Colourless  
Active ingredients ..... 33%  
Stability ..... Stable between -17°C and 55°C