



DS 3 PERGEL

DESCALER FOR ICE MAKING MACHINES

TECHNICAL DATA SHEET

GENERAL CHARACTERISTICS

DS 3 PERGEL is a liquid acid product, formulated exclusively for the descaling of ice making machines of both the refrigerating plates type and of the corkscrew type for the production of crushed ice.

As is known, prolonged use brings deposits of limescale on moulds, ice crushing blades and on water spraying nozzles. These deposits cause many problems such as uneven building of ice blocks, rapid consumption of blades, slow and problematic detachment of produced blocks and therefore a reduction in hourly output.

DS3 PERGEL is therefore used to eliminate deposited limescale therefore allowing appliances to remain in perfect working condition. The products particular formulation also avoids possible corrosion of any tin welding that may be present in the tubes used to circulate refrigeration fluid and that may not be protected against acids. These welding may otherwise be irreparably damaged due to the particular welding technique used for such elements (water bath welding). Furthermore DS 3 PERGEL does not attack copper, material out of which most ice moulds are made, and does not attack the ice blades in ice crushers.

CONDITIONS OF USE

Add DS 3 PERGEL to water that will be transformed into ice in ratios varying between 10 and 30% according to entity of deposits to be removed and pump through system with the spray nozzle pumps, avoiding of course to start a refrigeration process. At the end of the treatment discharge the descaling solution and perform an accurate rinse with large quantities of water (do not use the rinse water to make ice)

It is generally advisable to dispose of first batch of ice produced after cleaning to ensure total elimination of all traces of product residue.

TECHNICAL CHARACTERISTICS

Appearance	: Clear yellow liquid
Density at 20°C	: 1,260 – 1,280 g/cm ³
pH 1%	: < 2
Contains non-ionic surfactants	
Organic and inorganic acids	: more than 30%
DOES NOT CONTAIN COLOURINGS AND PERFUME	

WARNINGS

For use respect also the instructions given on safety data sheet.
Avoid release product or container to the environment.
Product for professional use.

Up. N°2

