

# TECHNICAL DATA REPORT

HS 0406

## ACID-O-CLEAN Low Foaming Acid Cleaner

### DESCRIPTION:

Blend of mineral food grade acids and wetting agents.

### PURPOSE:

To clean and remove milkstone, beerstone, rust, and calcium deposits from food processing and dairy plant equipment, especially after alkaline cleaning.

### HOW TO USE:

**FOOD MANUFACTURING:** ACID-O-CLEAN at 20 to 80 ml per 10 litres of water is used for the removal of milkstone, mineral deposits, and proteinaceous deposits from processing lines and equipment in dairies, food and meat packing plants after alkaline cleaning. Effective for rust stain removal. For manual descaling of stainless steel, use ACID-O-CLEAN at 1 to 10 with water.

**BREWERIES:** For removal of beerstone and other proteinaceous soil, use ACID-O-CLEAN at 20 to 80 ml per 10 litres of water. ACID-O-CLEAN solves problems with copper pick-up and neutralization of alkalinity in hoses, liners, and equipment. Use ACID-O-CLEAN at 40 to 100 ml per 10 litres of water for these purposes. For copper brightening, use 1 part ACID-O-CLEAN to 3 - 10 parts water. For manual cleaning of stainless steel, use 1 to 10

**ALWAYS RINSE WITH POTABLE WATER THE SURFACES THAT MAY COME INTO CONTACT WITH FOOD.**

### PRINCIPAL USERS:

Dairy plants, meat packers, food plants, cheese plants, egg washing plants, water and soft drink bottling plants, breweries, bakeries, restaurants, etc.

### ADVANTAGES:

- 1) Works quickly.
- 2) Removes a wide variety of soils, rust and calcium stains from stainless steel and other surfaces.
- 3) No odour, non-fuming.
- 4) Easy to apply.
- 5) Easy to rinse.
- 6) Very low foam at temperatures above 40°C
- 7) Excellent for use in CIP systems.
- 8) Biodegradable.
- 9) Approved for Food Plant Use, file P216 c1.

### PRECAUTIONS:

**EXTERNAL:** If splashed in eyes or on skin flush thoroughly with water for 15 minutes, then cover with moistened sodium bicarbonate. **GET MEDICAL ATTENTION IMMEDIATELY.** If splashed on clothing remove and wash them immediately.

**INTERNAL:** If swallowed, give solution of milk and sodium bicarbonate, milk of magnesia or egg whites beaten with water or three to four glasses of milk. **DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY.** Read Material Safety Data Sheet.

### SPECIFICATIONS:

pH ..... 2.0 - 2.4  
Density at 20°C ..... 1.26

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Physical Form .....	Clear liquid
Colour .....	Colourless
Odour .....	Odourless
Active ingredients .....	41%
Stability .....	Stable between -17°C and 55°C