

TECHNICAL DATA REPORT

HS 0430

POLY-SOLV A Heavy Duty Acid Cleaner and Milkstone Remover

DESCRIPTION:

Blend of mineral food grade acids, surfactants and corrosion inhibitors.

PURPOSE:

POLY-SOLV A is a heavy duty acid cleaner and milkstone remover. It is especially effective for the manual cleaning of food and dairy plant processing equipment including HTST pasteurizers.

HOW TO USE:

FOOD MANUFACTURING: POLY-SOLV A at 20 to 80 mL per 10 litres of water is used for the removal of milkstone, mineral deposits, and proteinaceous deposits from processing equipment in dairies, food and meat packing plants after alkaline cleaning. Effective for rust stain removal. For manual descaling of stainless steel, use POLY-SOLV A at 1 to 10 with water. BREWERIES: For removal of beerstone and other proteinaceous soil, use POLY-SOLV A at 20 to 80 mL per 10 litres of water. POLY-SOLV A solves problems with copper pick-up and neutralization of alkalinity in hoses, liners, and equipment. Use POLY-SOLV A at 40 to 100 ml per 10 litres of water for these purposes. For copper brightening, use 1 part POLY-SOLV A 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) Forms moderate amount of foam.
- 7) Excellent for use in manual cleaning of food processing equipment.
- 8) Biodegradable.

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	1.275
Physical Form	Clear liquid
Colour	Colourless
Odour	Odourless
Active ingredients	46.25%
Stability	Stable between -17°C and 55°C