

TECHNICAL DATA REPORT

HS 0806

ACID-O-CLEAN P Low Foaming Acid Cleaner

DESCRIPTION:

Blend of mineral and organic acids, wetting agents and inhibitors.

PURPOSE:

To clean heavily soiled papermaker's felt, for use in synthetic wire cleaning and as a broke additive for urea and melamine formaldehydes.

HOW TO USE:

Use concentrations:

Synthetic wires 3% by volume
Continuous felt conditioning 300 - 700 ppm
Intermittent cleaning 700 ppm - 1%
Batch cleaning 1 - 3%
Broke additive 1 - 4.5% by weight

Synthetic Felts: Batch - As a rule-of-thumb, treat every 45 kg of felt with a drum of solution. Apply, permitting a minimum 10 minute dwell time with all showers off, with the presses unloaded, and the fabric running at a crawl. Then load the presses, turn all rinse showers on, and thoroughly rinse for 10 to 15 minutes. To make the solution, add 6 litres of ACID-O-CLEAN P to 200 litres of water. ACID-O-CLEAN P must be diluted with water for felt cleaning. Therefore, do not wash felts with concentrate; always dilute with water.

Cleaning Fabrics Wires: Apply a 3% solution through the shower pipe. Apply the solution to the site at 65°C. Install the pipe inside the loop, as early as possible in the return run. During the application, the fabric must run at a crawl, up to 120 metres per minute. All return showers should be off. Apply for 10 minutes and thoroughly rinse for 10 minutes with fresh water.

Broke Additive: For best results, add ACID-O-CLEAN P to the stock system at the pulper. The stock and ACID-O-CLEAN P slurry should be maintained at 90°C to ensure rapid breakdown of urea and melamine formaldehyde wet-strength resins. It may be necessary to add increments of 1% to obtain a good breakdown rate.

MAIN USERS:

Pulp and paper companies.

ADVANTAGES:

- 1) Works quickly.
- 2) Removes a wide variety of soils, rust and calcium salts, alum and alum complexes, tacky soils such as rosin size, urea and melamine formaldehyde resins, and tramp oils.
- 3) No odour, non-fuming.
- 4) Easy to apply.
- 5) Easy to rinse.
- 6) Very low foam at temperatures above 60°C
- 7) Excellent for use on synthetic felts and wires.
- 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,

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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	1.20 - 1.22
Physical Form	Clear liquid
Colour	Colourless
Odour	Odourless
Active ingredients	33%
Stability	Stable between -17°C and 55°C