

TECHNICAL DATA REPORT

HS 0805

PCY-805 Acidic Cleaner for Cylinder Paper Machines

DESCRIPTION:

PCY-805 is a balanced combination of inorganic acids, emulsifiers and surface active agents blended into a stable, highly energized concentrate that gives neglected cylinders a new life and leaves it free from hard water stains, pulp residues and paper additives.

PURPOSE:

For cleaning and brightening cylinders of paper machines.

HOW TO USE:

Add one part of PCY-805 to 8 to 20 parts of water, depending on the condition of the metal surface as well as soil present. Heavily soiled areas should be pre-cleaned with MELROSE DM-505 or CARBO-STRIP. Use a stainless steel, rubber or polyethylene container to prepare the PCY-805 solution. NEVER USE mild steel, galvanized or glass containers. Pumps, hoses and spray equipment should be of acid-resistant construction. Apply by brush or spray application to wet surface. Use a V-Jet nozzle and spray without entrained air at 20 to 30 psi close to the surface being cleaned and brightened. Spraying is highly recommended since it reduces wasting the material. However, it should be followed by immediate agitation of the surface with a brush. Allow the compound to remain on the surface from 5 minutes to two hours depending on the soil and condition of the cylinder. Rinse thoroughly with water to remove the PCY-805 and the soil.

Brushes for agitation and application should be of firm bristle construction suitable for use with acids but should not scratch the surface. Cylinder can also be soaked in a vat with a PCY-805 solution for up to two hours and pressure washed to remove loose soil.

MAIN USERS:

Pulp and paper companies.

ADVANTAGES:

- 1) Removes corrosion, cleans and brightens bronze cylinders
- 2) Removes calcium, silica, pulp and additives from cylinder surface.
- 3) Free rinsing, leaves no residue.
- 4) Concentrated product.

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:

Physical form Clear red liquid

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Odour	Slightly acid
Specific Gravity	1.12
pH - 10% solution	2.1 - 2.5
Wetting Ability	Rapid
Emulsification	Excellent
Foaming	High
Rinsing	Complete
Flammability	Non-Flammable and Non-Combustible