

# CLEAN

ENTERIC

## POLYMERS

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### WHY COMMON APPROACHES ARE NOT EFFECTIVE

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Approach

# 1

A two detergent process of alternating highly alkaline detergents for the polymer and highly acidic detergent for the insolubles.

Due to the use of highly alkaline and acidic detergents, safety is of concern, especially when manual cleaning is required

Re-cleaning is often required when residues contain high pigment quantities.

Safety is of concern, especially when manual cleaning is required

Manual scrubbing may be necessary to remove pigment haze

Approach

# 2

Use of commodity products like sodium bicarbonate, sodium hydroxide and solvents. Challenges with this approach include:

Time consuming: Removal of this haze once it is separated from the formulation residue is extremely tough and needs extensive action such as scrubbing

Chemical strips away the polymer but doesn't address the talc or pigment residue