



PRODUCT SPECIFICATION REPORT

APEX ACID CIP™

Economical Low Foam, Liquid Acid Cleaner



DESCRIPTION

An economical, concentrated, high performance cleaner composed of a non-fuming acid foundation blended with industrial grade detergents. This combination results in a product that is non-irritating to breathe, yet performs well in many industrial and institutional applications. It is low foaming for use in CIP cleaning and metal brightening.

FEATURES

- Mild acid
- Brightens
- Concentrated
- Harmless to paint
- Fast-acting
- Non-fuming

BENEFITS

- Contains no harsh muriatic or nitric acid
- Renews sheen on aluminum, galvanized and stainless steel surfaces.
- Can be economically diluted for use at 6 ounces per gallon. Dilute at 1:3 for brightening.
- Painted surfaces may be cleaned safely in use dilution.
- Acid/detergent combination cleans quickly and effectively.
- Acid action, yet no irritating fumes.

APPLICATIONS

Formulated for use in CIP cleaning and metal brightening. Excellent for removal of calcium, scale, and rust. Use in:

Dairy Farms
Bakeries
Egg Processing Plants

Meat & Poultry Processing Plants
Eating & Drinking Establishments
Vegetable Processing Plants

Bottling Plants, Breweries and Wineries
Nursing Homes & Hospitals
Supermarkets

COMPANION PRODUCTS

Zep Bakery Pan Cleaner, Zep Low Foam Acid Sanitizer, Zep FS Antimicrobial Hand Cleaner, Zep FS Pot Scrub, Zep FS Egg Wash, Zep Instant Hand Sanitizer, Zep Trash Bags

SPECIFICATIONS

Physical form	Liquid	Specific gravity	1.28
Color	Clear. Colorless	Flash Point	None
Odor	Odorless	Shelf life	1 year minimum
pH (Concentrate)	1.5-2.0	DOT Shipping Label	Corrosive

PACKAGING

Gallon
Pail
Drum





An AcuityBrands Company

PRODUCT LABEL

PROD. #2374
806

APEX ACID CIP™

Economical Low Foam, Liquid Acid Cleaner



BEFORE USING THIS PRODUCT, PLEASE READ THIS ENTIRE LABEL.

ZEP MANUFACTURING COMPANY
A division of Acuity Specialty Products Group, Inc.
ATLANTA, GA 30301

CLEAN ACROSS AMERICA
AND THROUGHOUT THE WORLD™



Your One Source for Cleaning & Maintenance Products

1-877-I BUY ZEP
(1-877-428-9937)

KEEP OUT OF REACH OF CHILDREN
FOR INDUSTRIAL AND INSTITUTIONAL
USE ONLY
NOT FOR HOUSEHOLD USE OR RESALE

PRECAUCION

AL USUARIO: Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

(TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

This product is designed exclusively for industrial and institutional use by trained, professional maintenance personnel. Label directions and precautions must be followed exactly. Zep Manufacturing Company will not be responsible for any injury, loss, or damage if product is used in any manner not in compliance with label directions, or if precautions are not observed.

HMS RATINGS

HEALTH	3	4 EXTREME 3 SERIOUS
FLAMMABILITY	0	2 MODERATE 1 SLIGHT 0 MINIMAL
REACTIVITY	0	
PERSONAL PROTECTION EQUIPMENT	D	Goggles, Face Shield Gloves, Apron

Apex ACID CIP CLEANER

ECONOMICAL CONCENTRATED, LOW-FOAM, ACID LIQUID DETERGENT

ZEP Apex Acid CIP is an economical, high performance, low-foaming acid liquid detergent. It has been formulated to meet cleaning demands found in clean-in-place and automatic washing equipment. Acceptable for use in federally-inspected meat and poultry processing plants.

DIRECTIONS:

CIP SCALE REMOVER Flush system with cold water. Prepare a solution of ZEP Apex Acid CIP at 1:3 up to 1:6 with water. Circulate through the system for 20 minutes to 1 hour, depending on the amount of scale removal desired. Drain. Rinse well.

FOR REMOVAL OF CALCIUM AND PROTEIN SCALE FROM PROCESSING EQUIPMENT IN MEAT AND POULTRY PROCESSING PLANTS: Dilute ZEP Apex Acid CIP 1 part with 3 parts of water. Thoroughly wet the equipment surface with this solution. Allow 5 to 10 minutes soaking time. Concentration and soaking time may be varied depending upon the degree of scale build-up. Scrub with natural bristle brush or scouring pad. Rinse thoroughly with fresh water.

TO BRIGHTEN ALUMINUM, GALVANIZED, OR STAINLESS STEEL SURFACES: Dilute ZEP Apex Acid CIP with 2 to 3 parts of water. Thoroughly wet the surface with the solution. Allow solution to remain on surface, scrubbing intermittently with a brush or green pad, until metal surface is brightened to the desired degree. Rinse thoroughly with water. Repeat when necessary on severely dulled surfaces.

DISHWASHING MACHINES: Add 1 to 1.5 gal. of ZEP Apex Acid CIP to water in machine and operate until lime deposits are dissolved. Drain and refill with clean water. Operate machine 5 minutes and drain. Repeat de-liming procedure as often as needed.

GLASSWARE AND PLASTICS: To remove lime film (haze) from glass or plastic ware, soak in a solution containing 6 oz. of ZEP Apex Acid CIP per gallon of warm water until film is removed. Rinse thoroughly with hot water and dry.

DANGER

CAUSES EYE BURNS
HARMFUL IF SWALLOWED

This product can be corrosive to the eyes and can cause blindness. Product can cause skin burns depending on length of contact.

Inhalation of spray mists may cause respiratory tract inflammation or tissue destruction. DO NOT swallow this product. DO NOT breathe spray mists. DO NOT allow product to contact skin, eyes, or clothing. Repeated exposure can have cumulative effects. Further information on the effects of overexposure is included on the Material Safety Data Sheet, which is available upon request from your employer.

Zep advocates limiting exposure to all chemical products. Wear splash-proof safety goggles during product use and when eye contact is possible. Wear rubber, neoprene, nitrile, or other resistant gloves and acid-resistant footwear during use. Remove contaminated clothing promptly and DO NOT rewear until thoroughly cleaned. After handling, always wash hands thoroughly with soap and water.

FIRST AID:

EYES: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

SKIN: Immediately flush affected skin with plenty of water for at least 15 minutes. Get medical attention if irritation develops.

INHALATION: If symptoms occur, move exposed person to fresh air. If symptoms persist, get medical attention immediately.

INGESTION: If this product is swallowed, DO NOT induce vomiting. If affected person is conscious give plenty of water to drink. Get medical attention at once.

DISPOSAL AND/OR SPILL INFORMATION: As with all cleaning and maintenance procedures, run-off from the cleaning or maintenance process should be diverted to a collection vessel, or where permitted, to a sanitary sewer (consult local and state regulations) and not allowed to soak into the ground or to enter a storm sewer. If this product is spilled or contaminated and cannot be used, creating the need for disposal, absorb product on an inert absorbent material, such as Zep-O-Zorb or Zep Super Sorbent, and deposit in a clean, sealable D.O.T. specification container for disposal as a hazardous waste. Rinse area well with water.

STORAGE: Store tightly closed container in dry area at temperatures between 40°F (4°C) and 120°F (49°C).

PROD. #2374
606A



1-877-I BUY ZEP
(1-877-428-9937)