



FS Z-CHLOR™

Heavy-Duty Chlorinated Detergent

DESCRIPTION

Heavy-duty, liquid chlorinated detergent. Designed primarily to be used in C.I.P. and circulation cleaning in food processing plants. Contains alkaline builders, water conditioners and sequestering agents, inorganic emulsifiers, and hypochlorite.

FEATURES

- Heavy-duty cleaner
- Chlorinated
- Hard-water tolerant
- Compatible with foamers
- Non-foaming
- Color-coded
- U.S.D.A. authorized

BENEFITS

- Removes heavy accumulations of grease, protein, blood, and stains, and also deodorizes.
- To aid in the removal of protein, blood, and stains, as well as deodorizing.
- Performance and rinsability are unaffected by water hardness. Rinses freely and leaves no scum or film on surfaces.
- Designed for use with Zep Foam-Sta or comparable foam boosters to generate a thick, stable, highly-active, long-lasting foam that cleans with a minimum of scrubbing.
- Generates no foam of its own, so it is ideal for C.I.P. and circulation cleaning, spray cleaning of tanks, machine washing, and other procedures requiring foam-free detergents.
- Product and labeling are color-coded yellow (chlorinated cleaner) for easy use with other color-coded Zep food systems products.
- Authorized for use as an all surface cleaner for all departments of federally-inspected food processing plants. (Category A)

APPLICATIONS

Recommended for foam additive cleaning, C.I.P. and circulation cleaning, spray cleaning of tanks, machine washing, on all surfaces of food processing plants. Also used in:

Bakeries	Dairy Farms	Meat & Poultry Processing Plants
Bottling Plants	Eating & Drinking Establishments	Nursing Homes & Hospitals
Eating & Drinking Facilities	Egg Processing Plants	Sanitary Services

COMPANION PRODUCTS

Zep Bakery Pan Cleaner, Zep Concentrated Glass Cleaner, Zep FS Antimicrobial Hand Cleaner, Zep FS Pot Scrub, Zep FS Egg Wash, Zep Persoan, Zep Instant Hand Sanitizer, Zep Paper Towels and Towel Dispenser, Zep Trash Receptacles, Zep Trash Bags

SPECIFICATIONS

Physical FormLiquid	Density11.5 lbs./gal.
ColorClear, yellow	Foam CharacteristicVery low, unstable
OdorMild, chlorine	Phosphate Content (as P)3.68%
pH (Concentrate)13.9	D.O.T. Shipping LabelCorrosive
pH, 1 oz./gallon11.7	Storage Temperature32°F to 120°F

PACKAGING

- Pail
- Drum



PRODUCT LABEL

PROD. #2443

1097

FS Z-CHLOR™ Heavy-Duty Chlorinated Detergent

PROD. 2443
1299E



ZEP MANUFACTURING COMPANY
ATLANTA, GA 30301
A division of Acuity Specialty Products Group, Inc.
CLEAN ACROSS AMERICA
AND THROUGHOUT THE WORLD™



BEFORE USING THIS PRODUCT,
PLEASE READ THIS ENTIRE LABEL.

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
REACTIVITY	0	1 SLIGHT 0 MINIMAL
PERSONAL PROTECTION EQUIPMENT	D	Goggles, Gloves, Apron and Boots

**CHLORINATED
CLEANER**

FS Z-CHLOR™ HEAVY-DUTY CHLORINATED DETERGENT

CLEAN • DESTAIN • DEODORIZE

Chlorinated, alkaline, non-foaming, heavy-duty liquid detergent recommended for C.I.P. and circulation cleaning, foam cleaning, and spray cleaning of tanks, and machine washing of all surfaces in food processing plants and food service establishments. For use in canneries, dairies, bakeries, seafood processing plants, wineries, vegetable processing plants, bottling plants, red meat and poultry processors, institutional kitchens, breweries, supermarkets, egg processing plants, and restaurants. Authorized by the USDA for use in federally-inspected meat and poultry plants.

DIRECTIONS:

C.I.P. APPLICATION: Flush system with water. Prepare a solution of 1 to 2 ozs. of FS Z-CHLOR per gallon of water. Circulate through the system until the soils are loosened and/or removed as determined by inspection. Drain system and rinse thoroughly with water.

FOAM CLEANING: Foam Tank and Solution Foam Equipment: Mix 2 to 4 parts ZEP FS Z-Chlor with 50 to 100 parts hot (160c - 180oF) water. Add 1 part foam booster to each 50 to 100 parts of the solution. Injection-Type Foam Equipment: Mix 2 to 4 parts ZEP FS Z-Chlor with 5 parts water and stir thoroughly. Add 1 part foam booster to each 8 to 10 parts solution and stir thoroughly. Inject the solution at a rate of 1 to 10 to 1 to 20 parts per gallon of water. Apply as a foam to all surfaces and allow to soak up to 5 minutes, scrub as necessary with a nylon pad or brush and rinse with high pressure hot water.

WASHING SHELL EGGS:

1. Mix 1 part product with between 64 to 128 parts (100°F to 120°F) water. Maintain wash solution at an even temperature at least 20°F warmer than the temperature of the eggs to be washed. Do not use water containing more than 2 parts per million iron for shell egg washing, unless equipment capable of removing the excess iron is installed on the water supply.

2. Wash eggs promptly after gathering.

3. After washing, spray rinse eggs with warm potable water containing an approved sanitizing compound. Rinse water should be slightly warmer than wash solution.

4. Dry eggs with warm air stream. Eggs should be reasonably dry before casing or breaking.

CAUTION: Do not use in conjunction with acid products, as hazardous fumes may be produced.

ANGER!

Contains potassium hydroxide
CAUSES BURNS
STRONG OXIDIZER

CONTACT CAN CAUSE SEVERE SKIN BURNS AND BLINDNESS BY TISSUE CORROSION. DO NOT allow product to contact skin, eyes, or clothing. DO NOT breathe vapors or spray mist. DO NOT swallow this product. 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.

Zep advocates limiting exposure to all chemical products. Wear tight-fitting, splash-proof safety goggles during product use and when eye contact is possible, especially contact lens wearers. Wear nitrile, neoprene, natural rubber, or other resistant gloves and alkali resistant footwear; also wear a rubber apron whenever splashing can occur. For spray applications, use product in well ventilated areas only; open windows/doors and use exhaust fans. Remove contaminated clothing promptly and DO NOT rewear until thoroughly cleaned. After handling 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 contaminated skin with plenty of water for at least 15 minutes. Get medical attention immediately.

INHALATION: Move exposed person to fresh air at once. If breathing has stopped, perform artificial respiration. 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). DO NOT mix this product or its solutions with any other chemical, except where directed by the label.

ZEP MANUFACTURING COMPANY

Your One Source for Cleaning and Maintenance Products

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