



PRODUCT SPECIFICATION REPORT

FORMULA 22™ Low Foam Cleaner



DESCRIPTION

A low-foaming, general purpose liquid cleaner.

FEATURES

- Free rinsing
- Completely biodegradable
- USDA authorized

BENEFITS

- Controlled foam makes rinsing easy leaving a film-free surface.
- Contains only biodegradable detergents and emulsifiers.
- For use as a floor and wall cleaner in all departments.

APPLICATIONS

For use on floors to clean or strip wax. Also for use on walls, woodwork, furniture, glass, venetian blinds, building exteriors, plastic upholstery, auto engines, etc.

COMPANION PRODUCTS

Zep Formula 50 R.T.U., Zep-O-Mist, Zep Assist, Zep E.S.P., Zep Clean `N Shine, Zep Dazzle, Zep Wood Doctor, Zep Air Fair fragrances, Zep 40, Zep Reach hand cleaner, Zep Mops, Brooms and Brushes, Zep Towel Dispensers and Towels

SPECIFICATIONS

Appearance	Dark red liquid	Phosphate Content as P	0.76%
Odor	Citrus fragrance	Shelf Life	1 year minimum
pH	12.6	D.O.T. Shipping Label	None
Foam characteristics	Very low		

PACKAGING

Gallons
Pails
Drums



PRODUCT LABEL

FORMULA 22™
Low Foam Cleaner

PROD. #0678
898C



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	2	4 EXTREME 3 SERIOUS
FLAMMABILITY	0	2 MODERATE 1 SLIGHT
REACTIVITY	0	0 MINIMAL
PERSONAL PROTECTION EQUIPMENT	C	Goggles, Gloves

ZEP FORMULA 22™
LOW-FOAM CLEANER • MAKES RINSING EASY

Authorized by the USDA for use in federally-inspected meat and poultry plants.

A highly-concentrated, general-purpose liquid cleaner which works rapidly and effectively without a high volume of foam to interfere with the cleaning operation or with rinsing. Contains newly-developed synthetic detergents and emulsifiers, fortified with builders, water softeners and a special grease-cutting agent. Works equally well in either hard or soft water. Inhibited to protect soft metals such as aluminum. Rinses completely to produce film-free surface. Imparts a pleasant, citrus-type fragrance to cleaning solution. Recommended for cleaning any surface not harmed by water alone.

DIRECTIONS:

Dilute one part ZEP FORMULA 22 with the parts of water indicated below:

FLOOR CLEANING :

Asphalt, Linoleum, Rubber, Vinyl:

Daily: 2 oz. per gallon warm water.

Damp Mopping: 1 oz. per gallon warm water.

Terrazzo, Ceramic Tile, Concrete: 2 to 4 oz. per gallon warm water.

Wax Stripping Above Floors: 1 part with 6 parts hot water; 1 part household ammonia.

CAUTION: DO NOT apply ZEP FORMULA 22 undiluted to composition floors.

HARD SURFACE CLEANING:

Oil-Painted Walls: 25 to 50 parts warm water.

Woodwork and Furniture: 50 parts warm water.

Glass, Mirrors, etc.: 180 parts warm water.

Venetian Blinds: 50 parts warm water. Soak. Brush.

Building Exteriors: 1 part with 35 parts warm water. Brush.

Aluminum, Stainless Steel: 60 parts water.

Porcelain, Glazed Tile: 60 parts warm water.

SOFT-SURFACE CLEANING:

Vinyl/Plastic Upholstery: 60 parts water.

DEGREASING AUTO ENGINES CHASSIS, ETC.: 1 part with 2 to 4 parts hot water. Spray on, soak 15 to 20 minutes. Hose off with strong stream of water using ZEP RINSE GUN.

DIRECTIONS FOR USE IN AUTOMATIC SCRUBBING MACHINES:
For general cleaning, use one ounce of ZEP FORMULA 22A per gallon of water. For heavy-duty cleaning, use two ounces of ZEP FORMULA 22A per gallon of water.

BIODEGRADABLE: All detergents used in the manufacturing of this product are biodegradable.

DANGER!

Contains sodium metasilicate.

CAUSES EYE BURNS

HARMFUL IF INHALED OR ABSORBED THROUGH THE SKIN

Can cause severe skin and eye irritation or corrosion. Inhalation of spray mists or vapors may cause respiratory tract irritation. DO NOT breathe vapors or spray mist. DO NOT swallow this product. Repeated exposure can have cumulative effects. Exposure may aggravate existing skin, eye, or respiratory disorders. 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, especially contact lens wearers. Wear natural rubber, nitrile, neoprene, or other resistant gloves. Use product in well-ventilated areas only; open window/doors and use exhaust fans in enclosed areas. 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 if irritation develops.

INHALATION: Move exposed person to fresh air. If irritation persists, get medical attention immediately.

INGESTION: If this product is swallowed, DO NOT induce vomiting. If vomiting occurs, keep head below hip level to prevent aspiration (breathing) of fluid into the lungs. 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 sealable container. 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 store at temperatures below 32°F (0°C). Keep this product away from food and food products.

TOX#036149