



FORMULA 50™

Heavy-Duty, All-Purpose Cleaner and Degreaser for Use on Many Surfaces



DESCRIPTION

A multi-purpose, water-based cleaner and degreaser containing a proven combination of synthetic detergents, water softeners, alkaline builders, corrosion inhibitors, and a water-soluble solvent.

FEATURES

- Powerful cleaning action
- Degreases
- Versatile

- Inhibited
- Biodegradable
- Safer alternative

BENEFITS

- Rapidly removes dirt, grease and grime from a wide variety of surfaces.
- Dissolves and removes food grease and many industrial oils and greases.
- Use as a general-purpose cleaner, floor cleaner, wax and floor finish stripper, engine degreaser, and for a variety of other cleaning problems. May be used by hand or through steam or pressure cleaning equipment, automatic floor scrubbers, etc..
- Will not harm metal surfaces, including aluminum, when used as directed on the label.
- All detergents and wetting agents are completely biodegradable.
- Independent laboratory tests confirm that the product conforms to CPSC's requirements of a non-toxic by ingestion compound according to 16 CFR 1500.3. Non carcinogenic, non-caustic.

APPLICATIONS

Recommended as a floor and wall cleaner in all departments of federally-inspected meat and poultry plants; as well as:

Automotive Repair Shops
 Department Stores
 Nursing Homes & Hospitals

Child Day Care Services
 Eating & Drinking Establishments
 Operators of Apartment Buildings

Cleaning and Maintenance Services
 Hotels & Motels
 Schools & Educational Facilities
 Sports & Recreational Clubs

COMPANION PRODUCTS

Zep Vue RTU, Zep Odorstroyer, Zep Ringmaster, Zep Ceramic Tile Cleaner, Zep Oven Brite, Zep Acclaim, Zep Antibacterial Hand Lotion, Zep Head-To-Toe, Zep's mops, brooms and brushes, Zep Trash Bags and Receptacles

SPECIFICATIONS

Physical FormThin, water-based liquid	Shelf Life.....1 year minimum
ColorClear, blue-green	D.O.T. Shipping.....None
OdorSlight, butyl	Density-Specific Gravity.....8.71 lbs/gal - 1.044
pH (concentrate)12.7 - 13.3	Flash Point (TCC)None
(Use dilution of 1:40)11.0 - 11.5 (1:100)	

PACKAGING

Gallons
Pails
Drums



PRODUCT LABEL

PROD. #0859
300

FORMULA 50™

Heavy-Duty, All-Purpose Cleaner and Degreaser for Use on Many Surfaces

FORMULA 50™

PROD. #0859
896H

Biodegradable • Non-Flammable • Non-Carcinogenic

Cleans floors, walls, unpainted metal surfaces, engines, machinery, trucks, cars, whitewalls, hoods, vents, grills, ovens, fans, plastic and vinyl upholstery, and many other uses.

DANGER!

Contains ethylene glycol monobutyl ether and sodium metasilicate.

CAUSES EYE BURNS

HARMFUL IF INHALED OR ABSORBED THROUGH THE SKIN

Can cause severe eye irritation or inflammation. May cause slight skin irritation. Inhalation of spray mists or vapors may cause respiratory tract irritation. Avoid breathing vapors or spray mist. Repeated exposure can have cumulative effects. Exposure may aggravate existing eye or respiratory disorders. DO NOT swallow this product. 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 glasses during product use, especially contact lens wearers. The use of rubber, neoprene, nitrile or other resistant gloves is strongly recommended for prolonged use. 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: Flush contaminated skin with plenty of water. Consult a physician 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 clearly 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° and 120°F. DO NOT store at temperatures below 32°F. Keep this product away from food and food products.

Zep Formula 50 is a "1001 Use" all-purpose cleaner. Cleans almost any surface quickly and easily. Great on ceramic tile, composition and concrete floors, metal and unpainted machinery, plastic and vinyl upholstery, automobile parts, whitewall tires and convertible and vinyl tops. Concentrated Formula 50 is non-abrasive and rinses freely to prevent spotting. The responsible choice for environmental concerns, Formula 50 contains no chlorinated or petroleum solvents, no excess caustic, is non-toxic by ingestion (see MSDS). Authorized by the USDA for use in federally-inspected meat and poultry processing plants as a floor and wall cleaner.

DIRECTIONS:

FLOORS:

Composition - Cleaning: Dilute 1 part Zep Formula 50 with 10 to 20 parts water and scrub floor in usual manner. Rinse floor thoroughly.

Composition - Stripping: Dilute 1 part Zep Formula 50 with 5 parts hot water and apply to floor. Allow solution to remain on surface approximately five minutes, then scrub with floor machine. Rinse with warm water. CAUTION: DO NOT apply Zep Formula 50 undiluted to composition floors.

Terrazzo and Ceramic Tile - Cleaning: Dilute 1 part Zep Formula 50 with 10 to 40 parts hot water. Scrub floors in usual manner. Rinse.

Concrete - Cleaning: Dilute 1 part Zep Formula 50 with 5 to 20 parts water, depending upon soil. Scrub thoroughly and rinse.

Automatic Scrubbing Machines: Use 3 ozs. of Zep Formula 50 per gallon of water for general cleaning. For heavy-duty cleaning, degreasing of concrete, and wax stripping, use 6 ounces of Zep Formula 50 per gallon of water.

Steam Cleaning Machines: Dilute 1 part ZEP FORMULA 50 with 10 to 30 parts water, depending upon degree of soil.

Unpainted Machinery and Equipment: (Tool and die stamping machinery, newspaper presses, linotype machines, bottling equipment, textile machinery): Dilute 1 part Zep Formula 50 with 1 to 5 parts water, depending upon degree of soil. Apply by spraying, wiping or brushing. Dilution with hot water will increase cleaning power of Zep Formula 50. Allow solution to soak on machinery for two or three minutes and then wipe dry with clean cloth or rinse with water.

Plastic and Vinyl Upholstery: Dilute 1 part Zep Formula 50 with 3 to 10 parts water. Wipe or spray on surface to be cleaned, allow to remain a few seconds; then wipe off with a clean cloth.

Degreasing Automobile Engines, Chassis, and Other Parts: Dilute 1 part Zep Formula 50 with 3 to 5 parts hot water. For very greasy surfaces, allow to soak 15 to 20 minutes before rinsing with a strong stream of water. Whitewall Tires: Dilute 1 part Zep Formula 50 with 1 to 5 parts water, depending on degree of soil. Spray solution on tires and allow to remain on surface approximately one minute. Rinse with a strong stream of water. Stubborn spots may need brushing.

Convertible and Vinyl Tops: Dilute 1 part Zep Formula 50 with 1 to 5 parts water. Scrub with a stiff brush. Rinse thoroughly with water.

NOTE: High concentrations of Zep Formula 50 can attack painted surfaces and polished aluminum. Test on an inconspicuous area before use, or use very dilute solution. ALWAYS RINSE IMMEDIATELY AFTER USE, ESPECIALLY ON GLASS SURFACES.



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 0 MINIMAL
REACTIVITY	0	
PERSONAL PROTECTION EQUIPMENT	B	Glasses, & Gloves

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