



FORMULA 50™

All-Purpose, Heavy-Duty Cleaner & Degreaser

Clean Floors, Walls, Unpainted Metal Surfaces, Engines, Machinery, Vents, Grills, Ovens & Fans • Concentrate

Zep® Formula 50™ is a "1001 Use" all-purpose cleaner. Great on ceramic tile, composition and concrete floors, metal and unpainted machinery and whitewall tires. Concentrated Formula 50 is non-abrasive and rinses freely to prevent spotting. Formulated for use in Ultrasonic Cleaning Units.

Formula 50 does not contain any chlorinated or petroleum solvents, is non-flammable, and does not contain excess caustic.

Acceptable for use in federally inspected meat and poultry processing plants.

Directions:

Note: This concentrated product must be diluted as directed prior to use.

FLOORS:

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

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 8 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 for Equipment: 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 8 parts water. 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.


Ultrasonic Cleaning Units: Use 6 to 8oz of Zep Formula 50 per gallon. Operate units at 160° to 180°.

Coil Cleaning: FOLLOW DIRECTIONS EXACTLY. Dilute 1 part Zep Formula 50 with 12 to 30 parts water for steel coils, depending on degree of soil. Dilute 1 part Zep Formula 50 with 30 to 50 parts water for aluminum coils, depending on degree of soil. Allow maximum 2 minutes contact time and then rinse thoroughly.

Degreasing Automobile Engines: Dilute 1 part Zep Formula 50 with 8 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 8 parts water. 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.

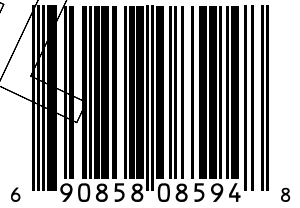
NOTE: High concentrations of Zep Formula 50 can attack painted surfaces and polished aluminum. Test on an inconspicuous area before use, or use very dilute solution. ALWAYS RINSE IMMEDIATELY AFTER USE, ESPECIALLY ON GLASS SURFACES.



Danger: Causes severe skin burns and eye damage. **Prevention:** Wash skin thoroughly after handling. Wear protective gloves/ protective clothing/ eye protection/ face protection. **Response:** IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician. Wash contaminated clothing before reuse. **Storage:** Store locked up. **Disposal:** Dispose of contents/container in accordance with local regulation.

Supplemental Information:
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, and deposit in a clean container for disposal according to local authorities. Rinse area well with water. **STORAGE:** Store tightly-closed container in dry area at temperatures between 40° (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.

Batch Code#



**5 Gallons
18.9 Liters**

BEFORE USING THIS PRODUCT, PLEASE
READ THIS ENTIRE LABEL.
FOR ADDITIONAL INFORMATION
REFERENCE THE PRODUCT SAFETY DATA SHEET (SDS).

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

PRECAUTION:
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 Inc. 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.

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W576-1





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Formula 50 does not contain any chlorinated or petroleum solvents, is non-flammable, and does not contain excess caustic. Acceptable for use in federally inspected meat and poultry processing plants.

Directions:

Note: This concentrated product must be diluted as directed prior to use.

FLOORS:

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

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 8 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 for Equipment: 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 8 parts water. 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.

Ultrasonic Cleaning Units: Use 6 to 8oz of Zep Formula 50 per gallon. Operate units at 160° to 180°.

Coil Cleaning: FOLLOW DIRECTIONS EXACTLY. Dilute 1 part Zep Formula 50 with 12 to 30 parts water for steel coils, depending on degree of soil. Dilute 1 part Zep Formula 50 with 30 to 50 parts water for aluminum coils, depending on degree of soil. Allow maximum 2 minutes contact time and then rinse thoroughly.

Degreasing Automobile Engines: Dilute 1 part Zep Formula 50 with 8 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 8 parts water. 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.

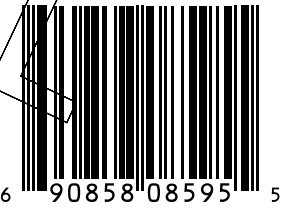
NOTE: High concentrations of Zep Formula 50 can attack painted surfaces and polished aluminum. Test on an inconspicuous area before use, or use very dilute solution. ALWAYS RINSE IMMEDIATELY AFTER USE, ESPECIALLY ON GLASS SURFACES.



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Batch Code#



20 Gallons
75.6 Liters

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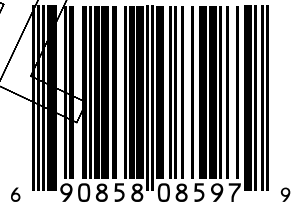
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Batch Code#



**55 Gallons
208 Liters**

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Batch Code#



**275 Gallons
1040.9 Liters**

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