Zep 85950

Zep Formula 50 Cleaner and Degreaser - 20 Gallon Instruction Manual

Model: 85950

Product Overview

Zep Formula 50 is a multi-purpose, water-based cleaner and degreaser. This industrial-strength solution is formulated with synthetic detergents, water softeners, alkaline builders, corrosion inhibitors, and a water-soluble solvent to effectively remove dirt, grease, and grime from various surfaces.



Image: Zep Formula 50 Cleaner and Degreaser in a large container, highlighting its all-purpose and heavy-duty nature.

Safety Information

This product contains ingredients that may cause irritation. Always read the product label for specific hazard statements and precautionary measures before use. It is recommended to wear appropriate personal protective equipment, such as gloves and eye protection, during handling and application.

- Keep out of reach of children and pets.
- Avoid contact with eyes and skin. In case of contact, rinse thoroughly with water.
- Do not ingest. If swallowed, seek medical attention immediately.
- Use in a well-ventilated area.
- Do not mix with other cleaning products unless specified.
- Statements regarding dietary supplements have not been evaluated by the FDA and are not intended to diagnose, treat, cure, or prevent any disease or health condition.

Preparation and Dilution

Zep Formula 50 is a concentrated formula and must be diluted before use. The dilution ratio depends on the cleaning task and the severity of the soil. Always start with the recommended dilution and adjust as needed.

Recommended Dilution Ratios

Cleaning Task	Dilution Ratio (Product:Water)
Light Cleaning (e.g., general surfaces, light soil)	1:64 (2 oz per gallon)
Medium Cleaning (e.g., floors, walls, moderate grease)	1:32 (4 oz per gallon)
Heavy-Duty Cleaning (e.g., engines, grills, ovens, heavy grease)	1:16 (8 oz per gallon)
Extra Heavy-Duty Cleaning (e.g., extreme grime, carbonized soil)	1:8 (16 oz per gallon)

Always test on an inconspicuous area first to ensure compatibility and prevent discoloration or damage.

Application Methods and Suitable Surfaces

This versatile cleaner can be applied using various methods and is suitable for a wide range of surfaces.



Image: Visual representation of different application methods including hand application, steam cleaners, pressure washers, and automatic scrubbers.

Application Methods:

- **Hand Application:** For general cleaning, apply with a cloth, sponge, or brush.
- **Steam Cleaners:** Can be used in steam cleaning equipment for enhanced cleaning power.
- **Pressure Washers:** Effective for large areas and tough outdoor cleaning.
- **Automatic Scrubbers:** Ideal for cleaning large floor areas efficiently.



Image: Examples of surfaces where Zep Formula 50 can be used, including ceramic tile, engines, composition and concrete floors, and metal machinery.

Suitable Surfaces:

- Floors (e.g., ceramic tile, composition, concrete, unpainted stone)
- Walls
- Unpainted Metal Surfaces
- Engines and Machinery
- Grills
- Ovens
- Fans
- Trucks

Note: Avoid use on painted surfaces unless specifically tested and deemed safe. Always test on an inconspicuous area first.

Usage Instructions

1. **Prepare the Solution:** Dilute Zep Formula 50 with water according to the recommended ratios for your specific cleaning task (refer to the "Preparation and Dilution" section).
2. **Pre-Test:** Before full application, apply the diluted solution to a small, inconspicuous area of the surface to be cleaned. Observe for any adverse reactions such as discoloration or damage.
3. **Apply the Cleaner:**
    - For *hand application*, spray or wipe the diluted solution onto the surface.
    - For *steam cleaners, pressure washers, or automatic scrubbers*, follow the equipment manufacturer's instructions for adding cleaning solutions.
4. **Allow Dwell Time:** Let the solution sit on the surface for a few minutes to penetrate and loosen dirt and grease. Do not allow the solution to dry on the surface.
5. **Agitate (if necessary):** For heavily soiled areas, use a brush, sponge, or scrub pad to agitate the surface.
6. **Rinse Thoroughly:** Rinse the cleaned surface with clean water. For best results, use a wet/dry vacuum or mop to remove excess water and cleaner residue.
7. **Repeat if Needed:** For stubborn stains or heavy buildup, repeat the application process.



Image: A person diluting Zep Formula 50 into a mop bucket, demonstrating preparation for floor cleaning.

Care and Storage

- Store the product in its original container, tightly closed, in a cool, dry, well-ventilated area.
- Protect from freezing.
- Do not store near food or feed products.
- Dispose of empty containers according to local regulations.

Troubleshooting

- **Problem:** Cleaner leaves a residue.
    - **Solution:** Ensure thorough rinsing with clean water after cleaning. Reduce the dilution concentration if the residue persists.

- **Problem:** Insufficient cleaning power.
    - **Solution:** Increase the concentration of the diluted solution (e.g., move from light to medium or heavy-duty dilution). Allow adequate dwell time for the product to work. Agitate the surface more vigorously.
- **Problem:** Surface discoloration or damage.
    - **Solution:** Immediately rinse the area with plenty of clean water. This indicates the product may be too strong for the surface or the surface is not compatible. Always perform a spot test before widespread application.

Product Specifications

- **Item Form:** Liquid
- **Scent:** Citrus, Fresh
- **Item Volume:** 20 Gallons (2560.0 Fluid Ounces)
- **Product Dimensions:** 15.75 x 15.75 x 28.25 inches
- **Item Weight:** 191.11 Pounds
- **Manufacturer:** Zep
- **Date First Available:** August 10, 2020

Additional Information

About Zep

Zep has been developing cleaning solutions for over 85 years, focusing on effective and safe products for various applications. Their products are formulated in the U.S. with a dedicated R&D team.



Video: An overview of Zep's history and commitment to professional cleaning solutions, highlighting their expertise over 80 years.

For further assistance, please contact Zep customer support.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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