

TECHNICAL INFORMATION SHEET
ECOFORCE HEAVY DUTY
powerful multipurpose cleaner
Code No. 11501



INTRODUCTION

Ecoforce has been accredited with the European Ecolabel. Ecolabel is only gained once products have passed through a rigorous independent testing procedure. They are verified to have lower environmental impact, be better for health and contribute to a sustainable economy over the full life cycle of the product. For further information visit <http://ec.europa.eu/environmental/ecolabel>.

ECOFORCE HEAVY DUTY - powerful multipurpose cleaner

A fragranced heavy duty cleaner and degreaser for the removal of oil and grease from heavily soiled floors and hard surfaces. Recommended for use on modern safety flooring and for the removal of soot and grime resulting from fire damage.

Ecoforce Heavy Duty Cleaner should **not** be used to maintain terrazzo, aluminium or galvanised surfaces.

The pH of the concentrate under typical analysis is 13.0.

DIRECTIONS

Always wear appropriate protective clothing and read product label and Safety Data Sheet before use.

1. CLEANING TECHNIQUES BY HAND

The Ecoforce detergents are suitable for all normal cleaning operations as well as floor maintenance techniques using mopping equipment or machinery.

1.1 Spray Cleaning: Using a trigger spray apply diluted product onto cloth or sponge and wipe soiled surface clean. Wipe dry with clean cloth if necessary.

1.2 Washing: Apply diluted product with cloth or sponge and agitate to loosen dirt. Wipe off solution, rinse with clean cloth and fresh water then wipe dry.

1.3 Scrubbing: Pre-soak the articles or surface in the cleaning solution, allowing sufficient time for the chemicals to break down dirt and soilage. Hand scrub with a suitable nylon hand pad or scrubbing brush until clean. Wipe off cleaning solution and rinse thoroughly with fresh water and clean cloth. On completion wipe dry.

2. FLOOR MOPPING TECHNIQUES

Before any floor maintenance task is carried out the floor should be swept or vacuumed to remove dust and litter. A dust mop sweeper or dry vacuum is recommended.

2.1 Wet Mop Sweeping (Damp Mopping): A routine maintenance technique using a well wrung out mop for lightly soiled floors and for spot mopping.

METHOD: Use one bucket with gear wringer or colander. Wet mop and wring out tightly to remove any excess solution before use. Rinse mop frequently and change solution when required.

2.2 Single Solution Mopping: A daily maintenance technique for light-medium soiled areas. Wet mopping loosens and removes dirt, which has settled on the floor.

METHOD: Use a double bucket unit, one bucket for clean solution, the other left empty underneath the gear wringer to collect the dirty solution picked up from the floor. Always wring out the soiled mop before re-depositing into the clean solution and leave the floor as dry as possible.

A rinsing operation must be undertaken to remove any chemical residue if the solution is used in a stronger mix.

Note: The most efficient way to pick up solutions is to use a wet pick-up machine.

3. MACHINE SCRUBBING TECHNIQUES

3.1 Deep Cleaning: Used for regular or periodic cleaning of floors which are too soiled to use normal mopping techniques. The process requires a rotary machine, mopping equipment and a wet pick-up machine.

METHOD: Mix the required solution and apply to the floor. Commence machine scrubbing in an area of a manageable size with a green nylon pad or nylon scrubbing brush. Sufficient solution should be applied to ensure that the floor remains wet throughout the scrubbing operation, on completion of machine scrubbing use the wet pick-up machine to remove the slurry. Thoroughly rinse floor with fresh water and clean mop. Pick up rinse water and commence scrubbing the next area of floor.

3.2 Combined Scrubbing and Drying: This method utilises a combined scrubber/drier for the regular machine scrubbing of large areas of hard or resistant flooring, particularly in areas where time may be limited.

METHOD: Mix the detergent with warm water in the solution tank of the machine at the appropriate dilution and commence scrubbing with nylon pads or brushes as recommended by the machine manufacturer. Edges and corners may need cleaning with an edging tool or mopping unit. Rinse if necessary.

3.3 Very Heavy Ingrained Soiling or Stains: Where very heavy ingrained soiling or stains occur, **Ecoforce Heavy Duty Cleaner** can be used neat. Always ensure a thorough rinsing operation with fresh water and a clean mop is undertaken when using **Ecoforce Heavy Duty Cleaner** in a strong dilution.

APPLICATION AND COVERAGE

Use the following chart to determine the correct dilution rate to be used for the cleaning task indicated. However, depending on the age, condition and type of surface as well the nature and degree of soilage, the dilution may be adjusted accordingly.

As an aid to budget and operational planning, use the figures below which represent the approximate coverage in square metres obtained from 5 Litres of product when used at the recommended dilution rate for the task indicated.

| CLEANING TASK | DILUTION RATE | COVERAGE (in m ²) |
|--|---------------|-------------------------------|
| 1. CLEANING TECHNIQUES BY HAND | | |
| 1.1 Spray Cleaning (by hand) | 1:100 | N/A |
| 1.2 Washing | 1:50-1:100 | N/A |
| 1.3 Scrubbing | 1:10-1:50 | N/A |
| 2. FLOOR MOPPING TECHNIQUES | | |
| 2.1 Wet Mop Sweeping | 1:100 | 2500 |
| 2.2 Single Solution Mopping | 1:100 | 2500 |
| 3. MACHINE SCRUBBING TECHNIQUES | | |
| 3.1 Deep Cleaning | 1:10-1:30 | 250-750 |
| 3.2 Combined Scrubbing/Drying | 1:50-1:100 | 1250-2500 |
| 3.3 Very Heavy Ingrained Soiling/ Stains | NEAT | - |

ALWAYS conduct a trial area with your chosen dilution to establish results.

NOTE: One square metre equates to 10.764 square feet.

MIXING THE REQUIRED SOLUTION

Use the following chart to mix the appropriate cleaning solution for each specific cleaning task.

| | 1:10 1 PART PRODUCT TO 10 PARTS OF WATER | | | 1:30 1 PART PRODUCT TO 30 PARTS OF WATER | | | 1:50 1 PART PRODUCT TO 50 PARTS OF WATER | | | 1:100 1 PART PRODUCT TO 100 PARTS OF WATER | | |
|---------------------------|---|---------------|----------------|---|---------------|----------------|---|---------------|----------------|--|---------------|----------------|
| | 0.5LITRE TRIGGER SPRAY | 5LITRE BUCKET | 10LITRE BUCKET | 0.5LITRE TRIGGER SPRAY | 5LITRE BUCKET | 10LITRE BUCKET | 0.5LITRE TRIGGER SPRAY | 5LITRE BUCKET | 10LITRE BUCKET | 0.5LITRE TRIGGER SPRAY | 5LITRE BUCKET | 10LITRE BUCKET |
| PRECISE AMOUNT OF PRODUCT | 50 ml | 500 ml | 1000 ml | 17 ml | 167 ml | 334 ml | 10 ml | 100 ml | 200 ml | 5 ml | 50 ml | 100 ml |
| MEASURING JUG | MEASURE PRECISE AMOUNT AS INDICATED ABOVE | | | MEASURE PRECISE AMOUNT AS INDICATED ABOVE | | | MEASURE PRECISE AMOUNT AS INDICATED ABOVE | | | MEASURE PRECISE AMOUNT AS INDICATED ABOVE | | |
| PUMP DISPENSER | 2 | 20 | | ¾ | 6¾ | 13½ | ½ | 4 | 8 | ¼ | 2 | 4 |
| CAP OR BALL | 2½ | | | 1 | 8½ | | ½ | 5 | 10 | ¼ | 2½ | 5 |

CLEANING ACADEMY

The Technical Staff in the Cleaning Academy can ensure that the correct equipment and methods are used and our consultants can provide on-site training and advice. Standard two day training courses are held regularly in Cheltenham, and tailor-made courses can be arranged if necessary.

HEALTH AND SAFETY INFORMATION

Appropriate Health and Safety Information is detailed on the individual product label or relevant material safety data sheet.

Urgent professional advice regarding First Aid may be obtained by contacting the nearest regional centre of the National Poisons Information / Service (NPIS), where all products are registered.

SHELF LIFE

The shelf life of this product is 24 months when stored in unopened original containers at ambient temperature.

PACKAGING

2 x 5 litre Polythene Containers

Ecoforce Code No. 11501

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2 x 5 litre Polythene Containers

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No liability is accepted for any loss or damage arising directly or indirectly from the use of the Company's products, or from the use of the implied freedom from patent rights. Prospective users should, therefore, satisfy themselves by appropriate trials that the product to be used is suitable for the intended use and that such will not infringe any patent.

We continue to reserve the right to alter designs of any product as part of a further process of improvement and products supplied may therefore vary from those detailed on this Technical Information Sheet.

QUALITY APPROVALS



BS EN ISO 9001 / 14001

All products manufactured to Ecoforce formulations are processed conforming to appropriate standards within the Quality System described in the Quality Manual and comply with the requirements of ISO 9001 / 14001.

Cert No. 0947290

All products in the range:

Code

| | | |
|---|--------------|-------|
| Catering - heavy duty cleaner | 2 x 5 ltr | 11502 |
| Universal - multipurpose cleaner | 2 x 5 litre | 11500 |
| Heavy Duty - powerful multipurpose | 2 x 5 litre | 11501 |
| Dishwash - washing up liquid | 2 x 5 litre | 11506 |
| Dishwash - washing up liquid | 12 x 750ml | 11507 |
| Glass - window & glass cleaner | 2 x 5 litre | 11508 |
| Glass - window & glass cleaner | 6 x 750ml | 11509 |
| Floor - floor maintainer | 2 x 5 litre | 11510 |
| Washroom - daily bathroom cleaner | 2 x 5 litre | 11511 |
| Toilet - daily toilet cleaner | 2 x 5 litre | 11503 |
| Toilet - daily toilet cleaner | 12 x 750ml | 11504 |
| Hand Wash - everyday hand wash | 2 x 5 litre | 11505 |
| Laundry - non bio laundry liquid | 6 x 1 litre | 11573 |
| Laundry - non bio laundry liquid | 2 x 5 litre | 11574 |
| Dishwasher Tablets | 1 x 100 tabs | 38018 |
| Universal - ready to use spray | 6 x 750ml | 11525 |
| Washroom - ready to use spray | 6 x 750ml | 11516 |
| Disinfectant - ready to use fragranced | 6 x 750ml | 11579 |
| Disinfectant - ready to use nonfragranced | 6 x 750ml | 11578 |
| Dilution Control System Products: | | |
| Multipurpose Cleaner | 4 x 2 litre | 11601 |
| Heavy Duty Cleaner | 4 x 2 litre | 11602 |
| Kitchen Cleaner | 4 x 2 litre | 11603 |
| Floor Maintainer | 4 x 2 litre | 11604 |
| Washroom Cleaner | 4 x 2 litre | 11605 |
| Hand Dish Wash | 4 x 2 litre | 11606 |

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