



Heavy Duty Multi-Surface Cleaner Concentrate 2L

Technical Data

January 2008 Version 2

Description:

3M™ Heavy Duty Multi-Surface Cleaner Concentrate is a concentrated product to be diluted and dispensed using the 3M™ Twist 'n Fill™ Cleaning Chemical Management System.

Ready-to-use 3M™ Heavy Duty Multi-Surface Cleaner Concentrate is formulated to remove spots, stains and grease from most washable surfaces.

Special Features:

- Automatic dispensing eliminates measuring and mixing and ensures accurate dilutions
- Effectively removes marks from heavy dirt and soiled areas
- Effective on most marker, pen, and pencil spots
- No-rinse formula
- Effective on food-based grease spots
- May be used for carpet spot and stain remover

Applications:

- Marble, aluminum, stainless steel, chrome, and plastic surfaces
- Heavy soiled walls, and equipment
- School desks, lockers, and whiteboards
- Spot and stain removal for carpet

Packaging:

2-liter bottle
6 bottles per case

Each 2-liter bottle yields
7 ready-to-use gallons

General Use Directions:

1. Dispense 3M™ Heavy Duty Multi-Surface Cleaner Concentrate using the 3M™ Twist 'n Fill™ System dispenser into a properly labeled bottle.

2. Apply the ready-to-use solution to the mark using a trigger-spray bottle.
3. Scrub as required using a hand pad or sponge and wipe the surface dry.
4. When used on carpet or upholstery, blot to remove spot or stain and rinse with water.

Note:

1. Before using on carpet or upholstery, check for colorfastness in an inconspicuous area.
2. On painted surfaces, test the product in an inconspicuous area to determine if suitable for use.

Product Specifications:

(Typical Values)

Concentrate:

1. pH: 11-12
2. Flash Point: 160°F
3. Solubility in Water: Complete
4. Specific Gravity: 1.0
5. Viscosity: <50cps
6. Boiling Point: >200°F
7. Fragrance: Citrus
8. Appearance: Clear purple liquid

Ready-to-Use:

1. pH: 10-11
2. Flash Point: NA
3. Solubility in Water: Complete
4. Specific Gravity: 1.0
5. Viscosity: <50 cps
6. Boiling Point: >200°F
7. Fragrance: Citrus
8. Appearance: Clear to light purple liquid

Precautionary Summary:

Concentrate:

Eye Contact: Corrosive to eyes

Suggested First Aid: Immediately flush eyes with large amounts of water for at least 15 minutes

Skin Contact: Corrosive to skin

Suggested First Aid: Remove contaminated clothing and shoes & flush skin with large amounts of water for at least 15 minutes

Inhalation: Respiratory irritation

Suggested First Aid: Remove person to fresh air

Waste Disposal Method:

Incinerate in an industrial or commercial facility in the presence of a combustible material. As a disposal alternative, dispose of waste product in a facility permitted to accept chemical waste. Rinse empty container with water and recycle.

Ready-to-Use:

Eye Contact: Moderate eye irritant

Suggested First Aid: Flush eyes with large amounts of water.

Skin Contact: Mild skin irritant

Suggested First Aid: Wash affected area with soap and water.

Inhalation: Respiratory irritation

Suggested First Aid: Remove person to fresh air

Note:

Refer to product Material Safety Data Sheet (MSDS: 23-4717-7, 23-4718-5) for specific health hazard, first aid and precautionary information for the concentrated product. Refer to product Material Safety Data Sheet (MSDS: 23-4720-1) for specific health hazard, first aid, and precautionary information for the ready-to-use product.

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Important:

The information provided in this report is believed to be reliable; however, due to the wide variety of intervening factors, 3M does not warrant that the results will necessarily be obtained. All details concerning product specifications and terms of sale are available from 3M.

3M Building and Commercial Services Division

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