



Bathroom & Shower Cleaner

Product No. 51

Technical Data

May 2004

Description:

3M Bathroom and Shower Cleaner is a concentrated product to be diluted and dispensed using the 3M Twist 'n Fill™ Cleaning Chemical Management System.

Ready-to-use Bathroom and Shower Cleaner is designed to remove hard water mineral deposits, soap scum and heavy soil from typical bathroom and shower surfaces.

Special Features:

- Automatic dispensing eliminates measuring and mixing and ensures accurate dilutions
- Hydrochloric acid formula penetrates and loosens buildup quickly and thoroughly
- Foaming surfactant formula for more effective cleaning
- Effectively removes mineral deposits and soap scum
- Non-flammable

Applications:

- Ceramic tile walls and floors
- Sinks, urinals and toilet bowls
- Concrete floors
- Chrome and stainless steel fixtures
- Quarry tile
- Fiberglass

Note: Do not apply to marble or terrazzo. Test in an inconspicuous area on rubber and vinyl, and discontinue use if discoloration occurs.

Packaging:

2-liter bottle
6 bottles per case

Each 2-liter bottle yields
12 ready-to-use gallons.

Directions for Use:

Refer to ready-to-use MSDS for personal protective equipment (PPE) recommendations.

Dispense Bathroom and Shower Cleaner using the Twist 'n Fill dispenser into a flip-top bottle, hand pail or mop bucket.

Note: To prevent respiratory irritation, avoid using a fine spray to apply acid cleaners.

1. Liberally apply cleaner to the surface.
2. Allow 2-5 minutes for the cleaner to penetrate the soil.
3. Scrub the surface with the appropriate 3M mechanical tool such as:
 - 3M Floor Brush or Floor Pad
 - Doodlebug™ Holder with a Doodlebug Pad or Brush
 - Scotch-Brite™ No. 96 or 98 Hand Pad or No. 2000 PowerPad
4. Remove soiled liquid from floor surfaces using a wet vac or mop.
5. Rinse surface with clean water, and wipe dry when appropriate.

Note: Rinse metal surfaces thoroughly to prevent corrosion or rust damage.

Product Specifications: (Typical Values)

Concentrate:

1. pH: <1
2. Flash Point: Not Applicable
3. Solubility in Water: Complete
4. Specific Gravity: Approx. 1
5. Viscosity: <100 cps
6. Appearance: Clear yellow liquid
7. Fragrance: Pungent hydrogen chloride odor

Ready to Use:

1. pH: <2
2. Flash Point: Not Applicable
3. Solubility in Water: Complete
4. Specific Gravity: Approx. 1
5. Viscosity: <100 cps
6. Appearance: Translucent yellow liquid
7. Fragrance: Citrus odor

Precaution Summary:

Concentrate:

Eye Contact: Corrosive to eyes.
Skin Contact: Corrosive to skin.
Inhalation: May cause respiratory tract irritation and pulmonary edema

Ready-to-Use:

Eye Contact: Mild eye irritant.
Skin Contact: Mild skin irritant
Inhalation: May cause respiratory tract irritation.

Note:

Refer to product Material Safety Data Sheets (MSDS): Concentrate 09-5351-3, Ready-to-use 09-5352-1; for specific health hazard, first aid and precautionary information.

3M Branch Sales Offices

ANCHORAGE

11151 Calaska Circle
Anchorage, AK 99515
Telephone: 907/522-5200
Facsimile 907/522-1645

CONTINENTAL UNITED STATES

Customer Service Department
3M Center Building 223-5S-07
St. Paul, MN 55144-1000
Order Entry 1-800-852-9722
Facsimile: 1-800-447-0408

HONOLULU

4443 Malaai Street
Honolulu, HI 96818
Mail to: P.O. Box 30048
Honolulu, HI 96820
Telephone: 808/422-2721
Facsimile 808/422-9557

CANADA

1840 Oxford Street East
London, Ontario, Canada
N5V 3G2
Mail to: P.O. Box 5757
London, Ontario, Canada
N6A 4T1
Telephone: 800/364-3577
Facsimile: 800/479-4453

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

St. Paul, MN 55144-1000
1-800-852-9722
www.3M.com/commcare

3M, Twist 'n Fill, Doodlebug & Scotch-Brite are all trademarks of 3M Company.

Copyright © 2004, 3M IPC. All rights reserved.