



CLEANING MANAGEMENT SYSTEM

#14 Tough Duty Bathroom Cleaner is designed to be used with the Cleanworks® Cleaning Management System. The system dispenses precisely diluted cleaner with the touch of a button...ready to use in spray, wipe-on, or mop-on applications. Highly concentrated formula saves storage space and helps reduce disposal costs. Cleanworks® is simple, accurate and safer to use.

The cleanworks® Cleaning Management System is subject of U.S. Patents No. 5037003, 5083677, & 5228598

1.800.527.5722
www.cleanworks.net

14 TOUGH DUTY BATHROOM CLEANER

Why it's a better cleaner

- The Cleanworks® System dispenses it right...every time.
- Removes alkalinity, soap film, and grime - Cleans tough soils fast
 - Non abrasive - Non scratching, won't dull
 - Mild acid formula - Will not harm plated fixtures
 - Waterbased - Nonflammable, noncorrosive



How it cleans



Dispense precisely diluted cleaner into a clean, empty container. If solution is for reuse, properly label RTU container.



HARD NON-POROUS SURFACES: Liberally apply by mop, sponge, or spray onto surface to be cleaned. Scrub if soil is heavy. **Rinse** with water thoroughly.



Replace solution when it becomes visibly dirty. (Pretest surfaces for colorfastness. **Not recommended** for wood, aluminum, or glass surfaces.)



TOILET BOWL CLEANER: Force water from bowl. Pour solution on applicator. Clean entire unit, especially under rim. Flush.



Dispense 65 quarts or 16 gallons of ready-to-use cleaner from the 1.25 gallon concentrate of Cleanworks® #14 Tough Duty Bathroom Cleaner

Where it cleans

- Ceramic tile
- Glazed porcelain
- Stainless steel
- Chrome
- Slate
- Quarry tile
- Shower and shower doors
- Toilet bowls
- Sinks and tubs
- Kitchens

Technical Data

Packaging (concentrate)	1.25 Gallon
Concentrate Color	Green
RTU Color	Faint Green
RTU Fragrance	Citrus
Foaming	Low
Free-Rinsing	Yes
% Phosphates	None
Acid (concentrate)	11% Glycolic
Caustics	Yes
RTU pH	2.2

EMERGENCY TELEPHONE: 1-800-535-5053

SECTION 1 - PRODUCT

NAME: CLEANWORKS #14
TOUGH DUTY BATHROOM CLEANER (Concentrate)
Product No.: 14
Product Type: Bathroom Cleaner
REFILL - CONCENTRATE

HMIS HAZARD RATING		0- LEAST / MÍNIMO
HEALTH SALUD	2	1- SLIGHT / LIGERO
FLAMMABILITY INFLAMABILIDAD	3	2- MODERATE / MODERADO
REACTIVITY REACTIVIDAD	0	3- HIGH / SERIO
PERSONAL PROTECTION PROTECCIÓN PERSONAL	B	4- EXTREME / MUY GRAVE
		B glasses/lentes gloves/guantes

SECTION 2 - HAZARDOUS INGREDIENTS

Ethanol CAS# 64-17-5 Wt.%=7.6
Gluconic acid CAS #526-95-4 Wt%=2.8

SECTION 3 - HEALTH HAZARD & FIRST AID

- Acute Health Effect Minimal
- Chronic Health Effects None
- Carcinogen No
- Primary Entry Routes:
 - Skin & Eyes: Can cause eye and skin irritation.
 - Ingestion: May be harmful.
 - Inhalation: Not considered an entry route.
- First Aid:
 - Eyes: Wash eyes with large volumes of water for at least 15 minutes while lifting the upper and lower eyelids and rotating the eyeball. Get immediate medical attention if irritation persists.
 - Skin: Remove contaminated clothing-wash skin with soap and water. If irritation persists get medical attention.
 - Ingestion: Give large volumes of water. Do not induce vomiting. Get medical attention.
 - Inhalation: N/A.

SECTION 4 - PHYSICAL & CHEMICAL CHARACTERISTICS

- Physical State Liquid
- Color Green
- Odor Citrus
- Solubility in water Complete
- Specific Gravity (H2O=1.0) 1.04
- pH 1.7
- Freezing Point N/A
- Flash Point 100°F (PMCC)
- Vapor Pressure N/A

SECTION 5 - FIRE AND EXPLOSION HAZARD

- Flash Point 100°F (PMCC)
- Extinguishing Media Water, Foam, CO2
- Special Fire Fighting Procedures N/A
- Unusual Fire & Explosion Hazard Fire fighters should observe all precautions that apply to any fire where chemicals are stored.

SECTION 6 - REACTIVITY DATA

- Stability Stable
- Conditions to Avoid Do not mix with oxidizing agents or strong acids.

SECTION 7 - SPILL OR LEAK PROCEDURES

- If product leaks or spills - Flood area with water-mop up dispose to sanitary sewer.
- Abide by Federal, State, and Local regulations.

SECTION 8 - PERSONAL PROTECTION

- Wear goggles.
- Wear gloves.

SECTION 9 - SPECIAL PRECAUTIONS

- Store containers tightly closed and in an upright position.
- Do not destroy or deface the label.

SECTION 10 - SECTION 313 SUPPLIER NOTIFICATION (SARA)

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:
None

SECTION 11 - TOXICOLOGICAL INFORMATION

None

SECTION 12 - ECOLOGICAL INFORMATION

None

SECTION 13 - DISPOSAL CONSIDERATIONS

- See Section 7 above.

SECTION 14 - DOT TRANSPORT INFORMATION

- This product is in Package Group III
- Liters and smaller are classed as CONSUMER COMMODITY ORM-D thus are exempt from regulation.
- Larger sizes ARE regulated.
- The Bill of Lading Proper Shipping Name: Flammable liquids, n.o.s. (Contains Ethanol), 3, UN1993, III.

SECTION 15 - OTHER REGULATORY INFORMATION

All ingredients appear on the TSCA Inventory List.

SECTION 16 - OTHER INFORMATION

- N/A = Not Applicable
- PMCC = Pensky Martin Closed Cup
The health hazards given on this Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure of the diluted product under conditions of ordinary use.
- Manufactured by: Carroll Company, Garland, TX, 1-800-527-5722

SECTION 1 - PRODUCT

NAME: CLEANWORKS #14
TOUGH DUTY BATHROOM CLEANER (Ready-to-Use)
Product No.: 14
Product Type: Bathroom Cleaner DILUTED - READY TO USE

HMIS HAZARD RATING		0-LEAST / MÍNIMO
HEALTH SALUD	1	1-SLIGHT / LIGERO
FLAMMABILITY INFLAMABILIDAD	0	2-MODERATE / MODERADO
REACTIVITY REACTIVIDAD	0	3-HIGH / SERIO
PERSONAL PROTECTION PROTECCIÓN PERSONAL	A	4-EXTREME / MUY GRAVE
		A-glasses / lentes

SECTION 2 - HAZARDOUS INGREDIENTS

None

SECTION 3 - HEALTH HAZARD & FIRST AID

- Acute Health Effect: Minimal
- Chronic Health Effect: None
- Carcinogen: No
- Primary Entry Routes:
 - Skin and Eyes: Product can cause eye and skin irritation.
 - Ingestion: May be harmful if swallowed.
 - Inhalation: Not considered an entry route.
- First Aid:
 - Eyes: Wash eyes with large volumes of water for at least 15 minutes while lifting the upper and lower eyelids and rotating the eyeball. If irritation persists get medical attention.
 - Skin: Remove contaminated clothing and wash skin with soap and water. If irritation persists-get medical attention.
 - Ingestion: Give large volumes of water-do not induce vomiting-get medical attention.
 - Inhalation: N/A

SECTION 4 - PHYSICAL & CHEMICAL CHARACTERISTICS

- Physical State: Liquid
- Color: Faint Green
- Odor: Citrus
- Solubility in water: Complete
- Specific Gravity (H2O=1.0): 1.01
- pH: 2.17
- Freezing Point: N/A
- Flash Point: >212 ° F (PMCC)
- Vapor Pressure: N/A

SECTION 5 - FIRE & EXPLOSION HAZARD

- Flash Point: >212 ° F (PMCC)
- Extinguishing Media: N/A
- Special Fire Fighting Procedures: None
- Unusual Fire & Explosion Hazard: Fire fighters should observe all precautions that apply to any fire where chemicals are stored.

SECTION 6 - REACTIVITY DATA

- Stability: Stable
- Conditions to Avoid: None known

SECTION 7 - SPILL OR LEAK PROCEDURES

- If product leaks or spills - Flood area with water-mop up dispose to sanitary sewer.
- Abide by Federal, State, and Local regulations.

SECTION 8 - PERSONAL PROTECTION

- Wear goggles.

SECTION 9 - SPECIAL PRECAUTIONS

- Store containers tightly closed and in an upright position.
- Do not destroy or deface the label.

SECTION 10 - SECTION 313 SUPPLIER NOTIFICATION (SARA)

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:
None

SECTION 11 - TOXICOLOGICAL INFORMATION

None

SECTION 12 - ECOLOGICAL INFORMATION

None

SECTION 13 - DISPOSAL CONSIDERATIONS

- See Section 7 above.

SECTION 14 - DOT TRANSPORT INFORMATION

- This diluted product is not to be shipped and is to be used on site.

SECTION 15 - OTHER REGULATORY INFORMATION

All ingredients appear on the TSCA Inventory List.

SECTION 16 - OTHER INFORMATION

- N/A = Not Applicable
- PMCC = Pensky Martin Closed Cup
The health hazards given on this Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure of the diluted product under conditions of ordinary use.
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