



CLEANING MANAGEMENT SYSTEM

#7 Heavy Duty 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 as a mop-on, wipe-on, spray or in a mechanical device. 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

7 HEAVY DUTY CLEANER

Why it's a better cleaner

The Cleanworks® System dispenses it right...every time.

- Quickly emulsifies oily soils - Suspends soils for easy removal
- Non-butyl, solvent free, non flammable - Safer to use
- Works on any oily soil - One product does more jobs, so you have less inventory and easier training
- Low odor formulation - Use in enclosed or confined areas
- Heavy duty cleaning power - for tough industrial/greasy soils



How it cleans



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



Liberally apply by sponge or spray onto surface to be cleaned. Scrub or soak as needed. **Rinse** with water thoroughly. Replace solution when it becomes visibly dirty. (Pretest surfaces for colorfastness. **Not recommended** for wood, aluminum, or glass surfaces. Finished floor may require buffing or recoating.)



For concrete or unfinished floors apply by mop or auto-scrubber. Scrub as needed rinse with water. Replace solution when it becomes visibly dirty.



Dispense 340 quarts or 85 gallons of ready-to-use cleaner from the 1.25 gallon concentrate of Cleanworks® #7 Heavy Duty Cleaner.

Where it cleans

- Glazed porcelain
- Stainless steel
- Vent hoods
- Food service areas
- Enameled metal
- Terrazzo, Granite, Concrete, Ceramic tile
- Parts, Equipment
- High traffic areas

Technical Data

Packaging (concentrate)	... 1.25 Gallon
Concentrate Color	... Yellow-Orange
RTU Color	... Yellow
RTU Fragrance	... None Added
Foaming	... Moderate
Free-Rinsing	... Yes
% Phosphates	... None
Caustics	... Yes
RTU pH	... 11.7

HEAVY DUTY CLEANER

SECTION 1 - PRODUCT

NAME: CLEANWORKS #7
HEAVY DUTY CLEANER (Concentrate)
Product No.: 7
Product Type: Heavy Duty Cleaner REFILL - CONCENTRATE

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

SECTION 2 - HAZARDOUS INGREDIENTS

*Ethanalamine CAS #141-43-5 Wt%=4.72
*Potassium hydroxide CAS #1310-58-3 Wt%=5.36
*Quaternary Ammonium Chloride CAS #68391-D1-5 Wt%=4.9

SECTION 3 - HEALTH HAZARD & FIRST AID

- Acute Health Effect Yes
- Chronic Health Effects Minimal
- Carcinogen No
- Primary Entry Routes:
 - Skin & Eyes: Contact with the skin can cause severe burns with deep ulcerations. Can cause temporary loss of hair. Repeated contact even with diluted solutions may cause skin damage. Contact with eyes may result in blindness.
 - Ingestion: Ingestion will cause severe damage to the mouth, throat, esophagus, and stomach.
 - Inhalation: Inhalation of mist may be irritating.
- First Aid:
 - Skin: Remove contaminated clothing-wash skin with large volumes of water for at least 15 minutes. If irritation persists get medical attention.
 - 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.
 - Ingestion: Give large volumes of water. Do not induce vomiting. Get medical attention.
 - Inhalation: Move to fresh air. If symptoms persist seek medical attention.

SECTION 4 - PHYSICAL & CHEMICAL CHARACTERISTICS

- Physical State Liquid
- Color Dark Yellow
- Odor Bland
- Solubility in water Complete
- Specific Gravity (H2O=1.0) 1.09
- pH 13.5
- Freezing Point N/A
- Flash Point 212°F (PMCC)
- Vapor Pressure N/A

SECTION 5 - FIRE AND EXPLOSION HAZARD

- Flash Point 212°F (PMCC)
- Extinguishing Media None
- 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 Contact with strong acids. Attacks aluminum and galvanized metals.

SECTION 7 - SPILL OR LEAK PROCEDURES

- Wear recommended Personal Protection Equipment.
- If product leaks or spills - Flood area with water-mop up dispose to sanitary sewer.
- Product may be neutralized with vinegar.
- Abide by Federal, State, and Local regulations.

SECTION 8 - PERSONAL PROTECTION

- Wear goggles.
- Wear rubber gloves.
- Use in well ventilated area.

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 II.
- Liters and smaller are classed as CONSUMER COMMODITY ORM-D thus are exempt from regulation.
- Gallons and larger ARE regulated.
- The Bill of Lading Proper Shipping Name: Corrosive liquid, basic, inorganic, n.o.s., (contains Potassium Hydroxide), 8, UN3266, II.

SECTION 15 - OTHER REGULATORY INFORMATION

All ingredients appear on the TSCA Inventory List.

SECTION 16 - OTHER INFORMATION

- *Revision on 3/17/03 in Section 2.
- 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 #7
HEAVY DUTY CLEANER (Ready-to-Use)
Product No.: 7
Product Type: Heavy Duty 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 PROTECCION 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 Effects: No
- Carcinogen: No
- Primary Entry Routes:
 - Skin & Eyes: Eye contact can cause severe irritation.
 - Ingestion: Ingestion may be harmful.
 - Inhalation: No Hazard
- 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.
 - Ingestion: Give large volumes of water. Do not induce vomiting. Get medical attention.

SECTION 4 - PHYSICAL & CHEMICAL CHARACTERISTICS

- Physical State: Liquid
- Color: Yellow
- Odor: Bland
- Solubility in water: Complete
- Specific Gravity (H₂O=1.0): 1.00
- pH: 12.0
- Freezing Point: N/A
- Flash Point: 212 °F (PMCC)
- Vapor Pressure: N/A

SECTION 5 - FIRE AND EXPLOSION HAZARD

- Flash Point: 212 °F (PMCC)
- Extinguishing Media: NA
- 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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