



CLEANING MANAGEMENT SYSTEM

#12 Industrial Strength Floor 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 cleaner or in a floor machine. 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

12 INDUSTRIAL STRENGTH FLOOR CLEANER

Why it's a better cleaner

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

- Spontaneously emulsifies oily soil - Suspends soils for easy removal
- Low foam, water based - Effective in auto scrubbers and pressure washers
- Contains no solvents - Safer for workers and the environment
- Free rinsing - Will not leave dulling soap film



How it cleans



Place wet floor signs in area to be cleaned. Remove gross soils and debris.



Dispense precisely diluted floor cleaner into clean mop bucket or auto scrubber tank.



Apply automatically diluted solution. Agitate as needed. Replace solution when it becomes visibly dirty. **Rinse** with water.



If area is heavily soiled, use floor machine or agitate with stiff brush. Rinse well. (**Not recommended** for wood surfaces, aluminum, glass or mirrors. Always pretest painted surfaces for colorfastness. **May dull or remove high gloss finish.**)



Dispense 201 gallons of ready-to-use cleaner from the 1.25 gallon concentrate of Cleanworks® #12 Industrial Strength Floor Cleaner.

Where it cleans

- Concrete
- Quarry tile
- Terrazzo, Granite
- Glazed porcelain
- Machine shop floors
- Food service areas

Technical Data

Packaging (concentrate) 1.25 Gallon
Concentrate Color Yellow
RTU Color Faint Yellow
RTU Fragrance Light Clean/Fresh
Foaming Low
Free-Rinsing Yes
% Phosphates None
Caustics Yes
RTU pH 10.5

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INDUSTRIAL STRENGTH FLOOR CLEANER

cleanworks®
CLEANING MANAGEMENT SYSTEM

SECTION 1 - PRODUCT

NAME: CLEANWORKS #12
INDUSTRIAL FLOOR CLEANER (Concentrate)
Product No.: 12
Product Type: Floor 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 PROTECCION PERSONAL	B	4- EXTREME / MUY GRAVE
		B glasses/lentes gloves/guantes

aluminum and galvanized metals.

SECTION 2 - HAZARDOUS INGREDIENTS

Potassium hydroxide CAS #1310-58-3 Wt%=3.38
*Ethanalamine CAS #141-43-5 Wt%=2.97
*Quaternary ammonium chloride CAS#6839-D1-5 Wt%=3.07

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 Yellow
- Odor Clean/Fresh
- Solubility in water Complete
- Specific Gravity (H₂O=1.0) 1.07
- pH 13
- Freezing Point N/A
- Flash Point None (will not burn)
- Vapor Pressure N/A

SECTION 5 - FIRE AND EXPLOSION HAZARD

- Flash Point None (will not burn)
- Extinguishing Media N/A
- 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 Contact with strong acids. Attacks

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

- Use this product in a well ventilated area.
- Wear goggles.
- Wear rubber 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 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 Sec. 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 #12
INDUSTRIAL FLOOR CLEANER (Ready-to-Use)
Product No.: 12
Product Type: Floor 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 Effects No
- Carcinogen No
- Primary Entry Routes:
 - Skin & Eyes: Can cause irritation.
 - Ingestion: May be harmful if swallowed.
 - Inhalation: N/A
- First Aid:
 - Skin: 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: N/A

SECTION 4 - PHYSICAL & CHEMICAL CHARACTERISTICS

- Physical State Liquid
- Color Faint Yellow
- Odor Clean/Fresh
- Solubility in water Complete
- Specific Gravity (H₂O=1.0) 1.0
- pH 10.5
- Freezing Point N/A
- Flash Point None (will not burn)
- Vapor Pressure N/A

SECTION 5 - FIRE & EXPLOSION HAZARD

- Flash Point None (will not burn)
- Extinguishing Media N/A
- 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 None

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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