



No Rinse Floor Cleaner

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DESCRIPTION

A super concentrated neutral floor cleaner specifically formulated for everyday floor cleaning. Excellent for use in mop and bucket cleaning or automatic floor scrubbers. Neutral pH will not harm floor finishes. Rinses easily, leaving a film-free surface with a pleasant fresh scent.

Recommended by the AMTICO COMPANY for cleaning STRATICA® Tile.

[This container will produce 64.5 gallons of ready-to-use product]

DIRECTIONS

Designed to be diluted by Cavalier's Mix Master Chemical Dilution Station at a rate of 1:128 to produce the maximum quantity of effective, ready-to-use product. For additional information please ask your representative or call toll free for instructions on use.

PRODUCT SPECIFICATIONS

Color:	Orange	Emulsification:	Excellent
Odor:	Pleasant	Detergency:	Excellent
pH (concentrate):	8 - 9	Rinsability:	Excellent
pH (Ready-To-Use):	7.5 - 8.5	Flash Point:	None
Viscosity:	Water thin	Biodegradability:	Completely
Foam:	Low	Storage/Stability:	2 years
Abrasives:	None	Weight Per Gallon:	8.60 lbs.
Solubility:	Complete with water		



Cavalier Inc.

PO Box 11171 Norfolk, Va. 23517
Phone: 757-855-6091 Fax: 757-855-1818

MATERIAL SAFETY DATA SHEET

N/A= Not Applicable

Prepared by: Regulatory Affairs Dept.

(Prepared According to 29 CFR 1910.1200)

Effective Date: 1/09 Revision: n/a

SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Cavalier, Inc. PO Box 11171 Norfolk, Va. 23517 Phone: 757-855-6091 Fax: 757-855-1818	Product Name: No-Rinse Floor Cleaner Generic Name: No-Rinse Floor Cleaner Concentrate Chemical Family: Detergent Blend Formula: Proprietary	HMIS Hazardous Materials Identification System (Ready-to-Use product ONLY) Health - 1 Flammability - 0 Reactivity - 0 Protection - A
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SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Sodium Carbonate	497-19-8	0 to 5			
Nonionic Surfactant	9016-45-9	10 to 15			
Polyethoxylated Alcohol	68603-25-8	0 to 5			
Fragrance	N/A	0 to 5			
Dye	N/A	0 to 5			

SECTION 3-PHYSICAL DATA

Boiling Point (°F): 212 F.
Vapor Pressure: 20mm Hg @ 68 F.
% Volatile: 85+
Solubility in Water: Complete
Physical Description: Orange liquid with pleasant odor.

Specific Gravity: 1.032
Vapor Density (Air=1): >1
pH: 8.0 – 9.0 (pH Use Dilution = 7.5 – 8.5)
Evaporation Rate (Water=1): >1

SECTION 4-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): N/A
Upper Explosion Limit: N/A
Extinguishing Media: N/A
Special Firefighting Procedures: Keep fire exposed containers cool with water.
Unusual Fire and Explosion Hazards: N/A

SECTION 5-REACTIVITY DATA

Stability: Stable
Hazards Decomposition Products: Will not occur.

Hazardous Polymerization: None
Incompatibility (Materials to Avoid): Strong acids & oxidizers

SECTION 6-STORAGE AND HANDLING INFORMATION

Keep out of reach of children. For use by trained personnel only. Keep unauthorized personnel away when applying to floor. Keep container closed during storage. For institutional and industrial use only. Avoid contact with eyes, skin and clothing. Avoid breathing of vapors. Use in well-ventilated area.

SECTION 7-HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:
Skin: Prolonged or repeated contact may cause dermatitis.
Eyes: Eye irritant. Liquid and mists may cause redness, tearing, swelling and/or burning sensation.
Inhalation: Vapors and mists may be irritating to mucous membranes in the nose, throat, and lungs.
Ingestion: Irritating to mouth, throat and gastrointestinal system. Nausea and vomiting may result from excess amounts.

First Aid Procedures:
Skin: Flush with water. Seek medical attention if irritation persists.
Eyes: Flush with large quantities of water, holding eyelids open. Seek medical attention if irritation persists.
Inhalation: Get to fresh air. Seek medical attention if irritation persists.
Ingestion: Immediately drink 2 glasses of water. Seek medical attention immediately.

SECTION 8-SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use in well-ventilated area.
Ventilation Requirements: Good general ventilation should be sufficient to control airborne levels
Protective Gloves: Chemical resistant rubber when handling concentrate
Eye Protection: Chemical goggles, face shield when handling concentrate.
Other Protective Equipment: Waterproof footwear should be worn when applying to floor.

SECTION 9-SPILL OR LEAK PROCEDURES

Steps to be taken in Case Material is Released or Spilled: Floors will become slippery. Avoid walking in product. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to sewer or open waterways.
Waste Disposal Method: Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Consult local authorities for disposal in public sewer. Do not disposal of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.

SECTION 10-REGULATORY INFORMATION

SARA Title III - Section 311/312 -Hazard Categories: No - Fire Hazard No - Sudden Release of Pressure Hazard No - Reactivity Hazard Yes - Immediate (acute) Health Hazard No - Delayed (chronic) Health Hazard	Shipping Information: FOR CONTAINERS > 1 Gallon : Cleaning Compound FOR 1 GALLON CONTAINERS : Cleaning Compound FOR CONTAINERS < 1 GALLON : Cleaning Compound	HMIS Hazardous Materials Identification System <table border="1"> <tr> <td>Health</td> <td align="center">2</td> </tr> <tr> <td>Flammability</td> <td align="center">0</td> </tr> <tr> <td>Reactivity</td> <td align="center">0</td> </tr> <tr> <td>Personal Protection</td> <td align="center">B</td> </tr> </table>	Health	2	Flammability	0	Reactivity	0	Personal Protection	B
Health	2									
Flammability	0									
Reactivity	0									
Personal Protection	B									

FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION: CHEM-TEL, Inc. @ 800-255-3924 (24 hours, 7 days per week)

This product contains the following toxic chemical(s) 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.

CAS#	Chemical Name	Percent by Weight
	None	

This product contains the following chemical(s) which have been established to be either a carcinogen or suspected carcinogen.

CAS#	Chemical Name	Percent by Weight
	None	

SECTION 11-OTHER INFORMATION

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept no liability for damages or loss incurred from the improper handling and use of this product