



## MATERIAL SAFETY DATA SHEET

MSDS # FH/H/2004/NFNR-5WZSC3  
Supersedes: US149EB

Issue Date: 05/2004

### SECTION I - CHEMICAL PRODUCT

Identity: **Floor Cleaner**

Brands: **Mr Clean CleanMop Advanced Cleaner**

Hazard Rating: 1

Health: 1

4=EXTREME

Flammability:

3=HIGH

Reactivity:

2= MODERATE

1=SLIGHT

Emergency Telephone Number: 24hr P&G Operator - 1-800-387-5696 or call local Poison Control Center

### SECTION II - COMPOSITION & INGREDIENTS

<u>Components</u>	<u>Percent</u>	<u>CAS #</u>	<u>Expo. Limits</u>	<u>LD 50/ LC 50</u>
Water	90% - 100%	7732-18-5		
Ethanol	1% -4%	64-17-5	TWA 1000 ppm	
Propylene Glycol n-Butyl Ether	1% -4%	29387-86-8		
Minor Ingredients	<1%			

### SECTION III - HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW:

This product is expected to have a low order of toxicity. Emergency treatment should be directed towards any symptoms observed following exposure.

#### POTENTIAL HEALTH EFFECTS:

• <b>Eye</b>	May cause eye irritation. Instillation into eye may result in transient superficial effects similar to those produced by mild toilet soaps.
• <b>Skin</b>	May cause skin irritation. Use on irritated or extremely dry skin may aggravate the existing condition.
• <b>Inhalation</b>	May cause mucous membrane irritation.
• <b>Ingestion</b>	Oral ingestion may result in mild gastrointestinal irritation with nausea, vomiting, or diarrhea.

### SECTION IV - FIRST AID MEASURES

• <b>Eye</b>	In case of accidental eye contact, flush thoroughly with water. If irritation persists, call a physician.
• <b>Skin</b>	For skin irritation, thoroughly wash exposed area with water and discontinue use.
• <b>Inhalation</b>	Move to an open area away from the site of exposure. If respiratory irritation is present, consult a physician and treat symptomatically.
• <b>Ingestion</b>	If swallowed, drink a glass of water.

SECTION V - FIRE FIGHTING INFORMATION		
<b>Flash Point (Method Used):</b> over 112.7 C (Advanced) PM CC Method		
<b>Explosive Limits:</b> LEL: N/A UEL: N/A		
<b>Extinguishing Media:</b> Use water, CO <sub>2</sub> , dry chemical or "alcohol" foam.		
<b>Special Fire Fighting Procedures:</b> Use water to keep fire exposed container cool.		
<b>Unusual Fire Hazards :</b> None known.		
<b>Stability</b>	<i>Unstable:</i>	<i>Conditions to Avoid:</i> None known
	<i>Stable:</i> X	
<b>Incompatibility (Materials to Avoid):</b> Strong acids or strong bases.		
<b>Hazardous Decomposition/By Products:</b> None known		
<b>Hazardous Polymerization:</b>	<i>May Occur:</i>	<i>Conditions to Avoid:</i> None known
	<i>Will Not Occur:</i> X	

SECTION VI - ACCIDENTAL RELEASE MEASURES		
<b>Personal Precautions:</b> None		
<b>Environmental Precautions:</b> DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE/PROVINCIAL AND LOCAL REGULATIONS. Small (household) quantities may be disposed of down the drain with plenty of water.		
<b>Steps To Be Taken in Case Material is Released or Spilled:</b> use water spray to dilute and/or wash away spills to avoid exposure and to protect persons working to stop/repair leak.		

SECTION VII - HANDLING AND STORAGE		
<b>Precautions To Be Taken in Handling and Storing:</b> Store in a Cool and dry area. Keep away from heat/sparks and open flame.		
<b>Other Precautions:</b> None Known		

SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION		
<b>Respiratory Protection (Specify Type):</b> None required with normal use.		
<b>Ventilation</b>	<i>Local Exhaust:</i> None required with normal consumer use.	<i>Special:</i> None
	<i>Mechanical (General):</i> Acceptable.	<i>Other:</i> None
<b>Eye Protection:</b> None required with normal consumer use.		
<i>Industrial Setting:</i> For splash protection, use chemical goggles. Eye Wash fountain is desirable.		
<b>Protective Gloves:</b> None required with normal use.		
<b>Other Protective Equipment:</b> None required with normal use.		

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES	
<b>Boiling Point:</b> 100 C	<b>Specific Gravity (H<sub>2</sub>O=1):</b> 0.996 @25C
<b>Vapor Pressure (mm Hg):</b> ~<10	<b>Percent Volatile by Volume (%):</b> >99.5
<b>Vapor Density (Air=1):</b> N/A	<b>Evaporation Rate (nBuOAc=1):</b> >1
<b>Odor Threshold:</b> N/A	<b>Freezing Point:</b> 0 C
<b>Coefficient of Water/Oil Distribution:</b> N/A	<b>pH:</b> 9.5
<b>Scooped Density:</b> N/A	<b>Solubility in Water:</b> (20 C) Completely
<b>Appearance and Odor:</b> Clear to slight haze liquid. Product is perfumed.	<b>Reserve Alkalinity:</b> N/A

SECTION X - STABILITY AND REACTIVITY
<b>Possible Hazardous Reactions/Conditions:</b> None known
<b>Conditions to Avoid:</b> None
<b>Materials to Avoid:</b> None
<b>Hazardous Decomposition Products:</b> None known
<b>Other Recommendations:</b> None

SECTION XI - TOXICOLOGICAL INFORMATION
N/A

SECTION XII - ECOLOGICAL INFORMATION
No concerns at relevant environmental concentrations.

SECTION XIII - DISPOSAL CONSIDERATIONS
<b>Waste Disposal Method:</b> small (household) quantities may be disposed of down the drain with plenty of water. Bulk disposal is to be performed in compliance with federal, state/provincial and local regulations.

SECTION XIV - TRANSPORT INFORMATION
<b>DOT Classification:</b> Mr. Clean Mop Advanced Cleaner is not DOT hazardous and is not regulated under the DOT Hazardous Materials Regulations, (49 CFR, parts 171-180), which govern the sale and transport of hazardous materials.

**SECTION XV - ADDITIONAL REGULATORY INFORMATION**

All components are listed on the US TSCA Inventory. No components are affected by Significant New Use Rules (SNURs) under TSCA §5.

No components of Mr. Clean Mop Advanced Cleaner are subject to California Proposition 65.

All ingredients are CEPA approved for import to Canada by Procter & Gamble. This product has been classified with Hazard Criteria of the Canadian Control Products Regulation (CPR) and this MSDS contains all information required by the Canadian Products Regulation.

**SECTION XVI - OTHER INFORMATION**

\*N/A. - Not Applicable

\*N/K. - Not Known

The submission of this MSDS may be required by law, but this is not an assertion that the substance is hazardous when used in accordance with proper safety practices and normal handling procedures. Data supplied is for use only in connection with occupational safety and health.

The information contained herein has been compiled from sources considered by Procter & Gamble to be dependable and is accurate to the best of the Company’s knowledge. The information relates to the specific material designated herein, and does not relate to the use in combination with any other material or any other process. Procter & Gamble assumed no responsibility for injury to the recipient or third persons, for any damage to any property resulting from misuse of the controlled product.