



MATERIAL SAFETY DATA SHEET

MSDS # FH/H/2004/KDKL-5YBJRR (S)
Supersedes: N/A

Issue Date: 06/2000
Issue Date: 06/2004

SECTION I - CHEMICAL PRODUCT

Identity: **Liquid Cleaner**

Brands: **Swiffer Wet (moistened floor wipes w/Swiffer mop)**

Hazard Rating: 1

Health: 1

4=EXTREME

Flammability: 1

3=HIGH

Reactivity: 1

2= MODERATE

1=SLIGHT

Emergency Telephone Number: 24hr P&G Operator - 1-800-214-8734 or call local Poison Control Center

SECTION II - COMPOSITION & INGREDIENTS

<u>Components</u>	<u>Percent</u>	<u>CAS #</u>	<u>Expo. Limits</u>	<u>European Risk Phrase</u>
Water	90%-100%	7732-18-5		
Propylene Glycol n-Butyl Ether	1%-4%	29387-86-8		
Minor Ingredients	<1%			
Preservatives	<0.1%			

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:

• Eye	This product may be slightly irritating to eyes. Exposure to eyes may cause transient superficial effects similar to those produced by mild soap.
• Skin	This product may be slightly irritating to skin. Use on irritated or extremely dry skin may aggravate the existing condition.
• Inhalation	This product is expected to have a low order of toxicity.
• Ingestion	This product is expected to have a low order of toxicity. Oral ingestion may result in gastrointestinal irritation with transient nausea, vomiting or diarrhea.

SECTION IV - FIRST AID MEASURES

• Eye	Hold eyelids open and flush thoroughly with water. If irritation persists, consult a physician.
• Skin	Rinse affected area thoroughly with water. Apply a cold compress to relieve the symptoms of irritation. If irritation persists, consult a physician.
• Inhalation	Move to an open area away from the site of exposure. If respiratory irritation is present, consult a physician and treat symptomatically.
• Ingestion	Dilute ingested product with fluids (water or milk). If gastric irritation or other signs of toxicity develop, consult a physician and treat symptomatically.

SECTION V - FIRE FIGHTING INFORMATION			
Flash Point (Method Used): over 200 °F (cc)	Explosive Limits:	<i>LEL:</i> N/A	<i>UEL:</i> N/A
Extinguishing Media: Use water, CO ₂ , dry chemical or "alcohol" foam.			
Special Fire Fighting Procedures: Use water to keep fire exposed container cool.			
Unusual Fire Hazards: None known.			
Stability	<i>Unstable:</i>	<i>Conditions to Avoid:</i> None known	
	<i>Stable:</i> X		
Incompatibility (Materials to Avoid): Ammonia and acids. Do not mix with toilet bowl cleaners, rust removers or household ammonia.			
Hazardous Decomposition/By Products: None known			
Hazardous Polymerization:	<i>May Occur:</i>	<i>Conditions to Avoid:</i> None known	
	<i>Will Not Occur:</i> X		

SECTION VI - ACCIDENTAL RELEASE MEASURES
Personal Precautions: None
Environmental Precautions: DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.
Dispose of used pads as solid waste.
Steps To Be Taken in Case Material is Released or Spilled:

SECTION VII - HANDLING AND STORAGE
Precautions To Be Taken in Handling and Storing: Store in cool, dry, well ventilated area.
Other Precautions: None Known

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

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES	
Boiling Point °F: N/A	Specific Gravity (H₂O=1): 1.0 q/cc
Vapor Pressure (mm Hg): N/A	Percent Volatile by Volume (%): 99.9 (lotion)
Vapor Density (Air=1): N/A	Evaporation Rate (nBuOAc=1): Unknown
Odor Threshold: N/A	Freezing Point: N/A
Coefficient of Water/Oil Distribution: N/A	pH (solution): 10.0 - 10.5
Scooped Density: N/A	Solubility in Water: Completely
Appearance and Odor: Perfumed, colorless hazy liquid wetted onto Layered White Nonwoven Pad	Reserve Alkalinity: N/A

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

SECTION XI - TOXICOLOGICAL INFORMATION
The acute oral LD ₅₀ of this product is expected to be greater than 5000 mg/kg.

SECTION XII - ECOLOGICAL INFORMATION

