



The Procter & Gamble Company
 P&G Professional
 Fabric & Home Care Innovation Center
 5299 Spring Grove Avenue
 Cincinnati, OH 45217-1087

MATERIAL SAFETY DATA SHEET

MSDS #: FH/C/2007/BRRM-6YNLS9
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SECTION I - PRODUCT IDENTIFICATION

Identity: LIQUID FLOOR CLEANER **Finished Product**
Brands: P&G PROFESSIONAL SPIC & SPAN Floor Cleaner

P&G Telephone Number: 1-888-4PG-PROLINE (1-888-474-7765)
 or call Local Poison Control Center or your physician.

SECTION II - HAZARDS IDENTIFICATION

Potential Health Hazards (Acute and Chronic): (See Section 11 for more information)

Ingestion: May cause transient gastrointestinal irritation.

Eye Contact: May cause moderate, transient irritation.

Skin Contact: Prolonged contact with concentrated product may be drying or irritating to skin.

Inhalation: Prolonged inhalation may result in nasal irritation.

Signs and Symptoms of Exposure:

Ingestion: May result in nausea, vomiting and/or diarrhea.

Eye Contact: May cause stinging, tearing, itching, swelling and/or redness.

Skin Contact: May be drying or irritating to skin.

Inhalation: Prolonged inhalation may result in nasal irritation.

Medical Conditions Generally Known to be Aggravated by Exposure: N/K

Potential Environmental Effects: (See Section 12 for more information)

SECTION III - COMPOSITION AND INGREDIENTS

Ingredient listed on the product label are:

Sodium alkyl benzene sulfonate (CAS # 68081-81-2), sodium alkyl ethoxylate sulfate (CAS # 68585-34-2), sodium polyacrylate (CAS # 25549-84-2), sodium cumene sulfonate (CAS # 32073-22-6), water (CAS # 7732-18-5), dispensing aid, colorants, perfume.

Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200 and/or WHMIS under the HPA:

| <u>Chemical Name</u> | <u>Common Name</u> | <u>CAS No.</u> | <u>Concentration</u> <u>Range</u> | <u>LD50 (Oral, Rats)</u> |
|---|------------------------------------|----------------|--------------------------------------|--------------------------|
| Ethanol | Ethyl alcohol | 64-17-5 | 1-5% | 7.1 g/kg |
| Linear Alkyl Benzene Sulfonic Acid, Sodium Salt | Sodium Alkyl Benzene Sulfonate | 68081-81-2 | 5-10% | 0.7 – 1.3 g/kg |
| Alkyl Ethoxylate Sulfuric Acid, Sodium Salt | Sodium Alkyl Ethoxylated Sulfonate | 68585-34-2 | 5-10% | 1.85 g/kg |

SECTION IV – FIRST AID INFORMATION

First Aid Procedures:

Ingestion: Drink 1 or 2 large glasses of water. If large amounts are ingested, call a physician.

Eye Contact: Flush with large amounts of water for at 10-15 minutes.

Skin Contact: Rinse skin thoroughly with water. Discontinue use.

Inhalation: Remove from source into fresh air.

Note to Physician: (if applicable)

Other: Product package has the following cautionary statement:

CAUTION: May cause eye irritation. Eye irritant. Avoid eye contact. Eye contact may result in mild to moderate transient irritation unless rinsed immediately and thoroughly with water. If eye contact occurs, flush with water for 15 minutes. If irritation persists, seek medical attention. **KEEP OUT OF REACH OF CHILDREN.**

SECTION V - FIRE FIGHTING INFORMATION

Flash Point (Method Used): 134°F (57°C) TCC

Although this product has a flash point below 200°F (93.3°C), it is a >50% aqueous solution that does not sustain combustion.

Flammable Properties:

Upper Flammable Limit: N/K

Lower Flammable Limit: N/K

Explosive Limits: UEL: N/A LEL: N/A

Auto-ignition Temperature: N/A

Hazardous Combustion Products: None Known

Explosion Data (Sensitivity to Mechanical Impact): N/A

Explosion Data (Sensitivity to Static Discharge): N/A

Extinguishing Media:

Suitable: Use CO2, water, or dry chemical

Unsuitable: N/K

Protection of Firefighters:

Specific Hazards Arising from the Material: None known.

Protective Equipment and Precautions for Firefighters: Standard fire fighting procedures/gear.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Precautions: None required.

Environmental Precautions: DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE/PROVINCIAL AND LOCAL REGULATIONS. The product waste is not considered RCRA hazardous since it is an aqueous solution (>50% water) that contains less than 24% by volume of alcohol.

Do not landfill. Incineration is the preferred disposal method. Discard empty container in trash.

Methods for Containment: Contain the spill. Try to prevent large quantities from reaching waterway or sewer. Use sorbents if needed. Dispose of resulting waste as appropriate.

Methods for Cleanup: Flush small quantities down acceptable sewer. Dispose of according to local regulations.

Other Information: (if applicable)

SECTION VII – HANDLING AND STORAGE

Precautions To Be Taken in Handling: None known.

Precautions To Be Taken in Storage: None known.

SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines: Ethanol (CAS# 64-17-5) ACGIH-TLV 1000 ppm
 OSHA Z-1 PEL 1000 ppm

Engineering Controls: None required.

Personal Protective Equipment (PPE):

Eye/Face Protection: None required with normal use.

Industrial Setting: If eye contact with undiluted product is likely, chemical goggles may be needed.

Skin Protection: None required with normal use.

Protective gloves (rubber, neoprene) should be used for any prolonged direct contact.

Respiratory Protection: None required with normal use.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance (color, physical form, shape):

Clear green scented liquid

Flash Point (Method Used): 134°F (57°C) TCC

Although this product has a flash point below 200 °F (93.3°C), it is a >50% aqueous solution that does not sustain combustion.

Odor: Perfumed

Solubility in Water: Completely soluble

Odor Threshold: N/A

Decomposition Temperature: N/A

Physical State: Liquid

Evaporation Rate (nBuOAc=1): N/A

Vapor Pressure (mm Hg): N/A

Specific Gravity/Density: 1.147

Vapor Density (Air=1): N/A

Melting/Freezing Point:

Boiling Point: N/K

Reserve Alkalinity:

Partition Coefficient (n-octanol/water): N/A

pH (100% solution): 10.6

Volatile Organic Compound (VOC):

SECTION X - STABILITY AND REACTIVITY

Chemical Stability: Stable

Conditions to Avoid: None known.

Incompatible Materials: None known.

Hazardous Decomposition Products: None known.

Possibility of Hazardous Reactions: Will not occur.

SECTION XI - TOXICOLOGICAL INFORMATION

This product has a low order of toxicity. The product may be irritating but it is not corrosive. Upon ingestion, it may be emetic.

LD50 (rats oral): > 2 g/kg

Emetic Dose50 estimated 2-3 ml/kg

Chronic Effects: No chronic health effects reported.

Target Organs: No target organs reported.

Carcinogenicity: This finished consumer product is not carcinogenic.

NTP: No

IARC: No

SECTION XII - ECOLOGICAL INFORMATION

Based on ecotoxicity and fate data for the individual ingredients in the specific formulation and for related cleaning product formulations, it is expected that this product would be non-hazardous at relevant environmental concentrations. This product is safe for septic tanks.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method: DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH FEDERAL, STATE/PROVINCIAL AND LOCAL REGULATIONS. The product waste is not considered RCRA hazardous since it is an aqueous solution (>50% water) that contains less than 24% by volume of alcohol.

Industrial Setting: Incineration is preferred. Do not landfill liquids. Discard empty container in trash.

Non-Household Setting (Federal): Products covered by this MSDS, in their original form, when disposed as waste, are considered non hazardous waste according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state and federal regulations.

Non-Household Setting (California): Hazardous, in accordance with 22 CCR 66261.20 through 22 CCR 66261.24.

SECTION XIV - TRANSPORT INFORMATION

Ground Transport (US DOT): Not regulated.

Air Transport (IATA): Not regulated

Marine/Water Transport (IMDG): Not regulated

SECTION XV - REGULATORY INFORMATION

UNITED STATES - FEDERAL
 All intentionally-added components of this product are listed on the US TSCA Inventory.
 EPA Registration Number: Not Applicable

SARA chemicals: This product contains the following SARA 313/302/304/311/312 chemicals:
 NONE

STATES:
 This product is not subject to warning labeling under California Proposition 65.
 California Registration Number: Not Applicable.

State Right-to-Know and CERCLA:
 The following ingredients present in the finished product are listed on state right-to-know lists or state worker exposure lists:

| Ingredient | CAS# | Level | State | | | | | | | CERCLA RQ |
|------------|---------|-------|-------|----|----|----|----|----|----|-----------|
| | | | CA | CT | IL | IN | KY | LA | MA | |
| Ethanol | 64-17-5 | 1-5% | MN | NC | NJ | OR | PA | RI | | 100 lbs. |
| | | | | | | | | | | |

CANADA:
 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 Regulations* (CPR) and this MSDS contains all information required by the *Controlled Products Regulations*.
 This product falls under Class D, Division 2, Subdivision B (eye irritant) of the *Controlled Products Regulations*.

SECTION XVI - OTHER INFORMATION

Perfumes contained within the products covered by this MSDS comply with appropriate IFRA guidance.

| | | | |
|--------------------|---------------|---|-------------------|
| P&G Hazard Rating: | Health: | 1 | 4=EXTREME |
| | Flammability: | 0 | 3=HIGH |
| | Reactivity: | 0 | 2=MODERATE |
| | | | 1=SLIGHT |
| | | | 0=NOT SIGNIFICANT |

*N/A. - Not Applicable

*N/K. - Not Known

Data supplied is for use only in connection with occupational safety and health.

DISCLAIMER: This MSDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by Procter & Gamble to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. Procter & Gamble assumed no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.