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## MATERIAL SAFETY DATA SHEET

MSDS #: FH/C/2004/JWJS-66ZT22  
Supersedes: N/A

Issue Date: 01/05  
Issue Date: 06/03

### SECTION I - CHEMICAL PRODUCT

Identity: **FLOOR FINISH STRIPPER**

Brands: **P&G PRO LINE FLOOR FINISH STRIPPER**

Hazard Rating: 2      Health: 2      4=EXTREME  
Flammability: 1      3=HIGH  
Reactivity: 1      2= MODERATE  
1=SLIGHT

Emergency Telephone Number: 1-800-805-1414 or call Local Poison Control Center

### SECTION II - COMPOSITION AND INGREDIENTS

Ingredients/Chemical Name: Water, solvents (butyl carbitol and MEA), surfactant cleaning agent (amine oxide), stabilizing agents and perfume.

This mixture, when tested as a whole, is considered an eye and skin irritant within the meaning of the OSHA Hazard Communication Standard.

#### Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200.

| <u>Chemical Name</u> | <u>Common Name</u> | <u>CAS No.</u> | <u>Recommended Limits</u>   | <u>Composition Range</u> | <u>LD50/LC50</u> |
|----------------------|--------------------|----------------|---|--------------------------|------------------|
| Monoethanolamine     | MEA                | 141-43-5       | NIOSH REL 3ppm<br>8/mg/m3<br>NIOSH STEL 6ppm<br>15mg/m3<br>ACGIH TWA 3ppm<br>ACGIH STEL 6ppm/15 min | 1-7%                     | NA               |

### SECTION III - HAZARDS IDENTIFICATION

#### Health Hazards (Acute and Chronic):

Ingestion: Mucous membrane irritant.  
Inhalation: Mucous membrane irritant.  
Eye Contact: Eye irritant.  
Skin Contact: Skin irritant.

#### Signs and Symptoms of Exposure:

Ingestion: Oral ingestion may result in irritation of the mouth and gastrointestinal tract, with nausea, vomiting and diarrhea. Substantial ingestions may produce moderate gastrointestinal irritation.

Eye Contact: May cause transient irritation (stinging, tearing, itching, swelling, and/or redness) of the eyes.

Skin Contact: May cause mild to moderate irritation (redness, drying and/or cracking) depending on exposure.

Inhalation: May cause irritation of the mucous membranes.

## SECTION IV - FIRST AID INFORMATION

### Emergency and First Aid Procedures:

|               |   |
|---------------|---|
| Ingestion:    | Possible gastrointestinal irritation with nausea, vomiting, diarrhea. Drink water to dilute product. <b>Do NOT induce vomiting.</b> Act immediately to reduce possibility of mucosal irritation. If symptoms persist, seek medical advice.  |
| Eye Contact:  | Transient irritation where redness or stinging may result. No permanent damage expected. Rinse thoroughly with plenty of lukewarm water for 2-3 minutes. If symptoms persist, see medical advice.   |
| Skin Contact: | May cause mild to moderate irritation, depending on exposure. Rinse affected area with water to minimize irritation. If needed, apply cold compress to relieve irritation. Discontinue use of product. If symptoms persist, seek medical advice.  |
| Inhalation:   | May cause irritation of the mucous membranes. Go to open air and ventilate suspected area. If irritation is experienced, mouth and throat may be rinsed with water. Product adhering in the nasal cavity may be rinsed/diluted with saline/plain water. If irritation or asthma-like symptoms persist, seek medical advice. |

Eye Contact: Transient irritation where redness or stinging may result. No permanent damage expected. Rinse thoroughly with plenty of lukewarm water for 2-3 minutes. If symptoms persist, see medical advice.

**Skin Contact:** May cause mild to moderate irritation, depending on exposure. Rinse affected area with water to minimize irritation. If needed, apply cold compress to relieve irritation. Discontinue use of product. If symptoms persist, seek medical advice.

**Inhalation:** May cause irritation of the mucous membranes. Go to open air and ventilate suspected area. If irritation is experienced, mouth and throat may be rinsed with water. Product adhering in the nasal cavity may be rinsed/diluted with saline/plain water. If irritation or asthma-like symptoms persist, seek medical advice.

**Other:** “KEEP OUT OF REACH OF CHILDREN”. Do not reuse this package for storing beverages or other liquids.

## SECTION V - FIRE FIGHTING INFORMATION

|  |                          |                 |                 |
|--|--------------------------|-----------------|-----------------|
| <b>Flash Point (Method Used):</b> 82°C / 180° F (CC) | <b>Explosive Limits:</b> | <i>LEL:</i> N/A | <i>UEL:</i> N/A |
|--|--------------------------|-----------------|-----------------|

**Extinguishing Media:** Use water, CO<sub>2</sub> or dry chemical.

**Special Fire Fighting Procedures:** None.

**Unusual Fire Hazards:** None.

|                  |                  |   |
|------------------|------------------|---|
| <b>Stability</b> | <i>Unstable:</i> | <i>Conditions to Avoid:</i> None known. |
|                  | <i>Stable:</i> X |   |

*Stable:* X

**Incompatibility (Materials to Avoid):** Avoid acids and all acidic compounds; all possible incompatibilities have not been identified.

**Hazardous Decomposition/By Products:** None known

**Hazardous Polymerization:** *May Occur:* *Conditions to Avoid:* See “Incompatibility” above.  
*Will Not Occur:* X

*Will Not Occur:* X

## SECTION VI - ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Prior to exposure, cover eyes and any exposed skin. Peel off and wash any clothing that becomes wet with product.

**Environmental Precautions:** DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE OR PROVINCIAL, AND LOCAL REGULATIONS. “Normal” undiluted waste from this product is RCRA “Corrosive” D002 classification. Check pH before sewerage. pH trim may be necessary if waste has pH >12.5. Liquids should not be put in landfills.

**Steps To Be Taken in Case Material is Released or Spilled:** Wear appropriate protective equipment. Contain the spill. Try to prevent larger quantities from reaching waterway or sewer. Use sorbents if needed. Dispose of resulting waste as appropriate (check pH).

## SECTION VII - HANDLING AND STORAGE

**Precautions To Be Taken in Handling and Storing:** Avoid inhalation of product and contact with skin and eyes. Store in original container with adequate ventilation. Keep out of reach of children. Keep container tightly closed when not in use. Keep from freezing. Do not store near acids.

**Other Precautions:** None.

**SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION**

**Respiratory Protection (Specify Type):** None required with normal use. Avoid inhalation of product.

**Ventilation**      *Local Exhaust:* General ventilation.      *Special:* None  
                          *Mechanical (General):* General dilution ventilation is acceptable.      *Other:* None

**Eye Protection:** None required with normal consumer use.

*Industrial Setting:* For splash protection, use chemical goggles. Eye Wash fountain is needed.

**Protective Gloves:** None required with normal use.

*Industrial Setting:* Protective gloves (rubber, neoprene) should be used for any direct contact.

**Other Protective Equipment:** None required with normal use.

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

**Boiling Point °F:** ~93°C / ~200°F

**Specific Gravity (H<sub>2</sub>O=1):** 1.04 g/cc

**Vapor Pressure (mm Hg):** N/A

**Percent Volatile by Volume (%):** >5%

**Vapor Density (Air=1):** N/A

**Evaporation Rate (nBuOAc=1):** Unknown

**Odor Threshold:** N/A

**Freezing Point:** Unknown

**Coefficient of Water/Oil Distribution:** N/A

**pH (10% solution):** 12.0 (neat pH is ~ 13)

**Reserve Alkalinity:** ~ 2.6g NaOH/100 ml

**Solubility in Water:** Miscible with water. Contains small amount of insoluble, colloidal size particles.

**Appearance and Odor:** Cloudy, viscous liquid.

**Physical State:** Liquid

**SECTION X - STABILITY AND REACTIVITY**

**Possible Hazardous Reactions/Conditions:** Mixing with strong acids.

**Hazardous Polymerization:** None known.

**Stability:** Stable.

**Conditions to Avoid:** Storage near acids.

**Materials to Avoid:** Acids.

**Hazardous Decomposition Products:** None known

**Other Recommendations:** None

**SECTION XI - TOXICOLOGICAL INFORMATION**

This product is not expected to be acutely toxic. Emetic properties are not known. If large quantities are ingested, treat symptomatically. Do NOT induce vomiting. If irritant effects are seen, these will be mild to moderate, depending on exposure. If in contact with eyes, flushing with water is recommended.

Estimated acute oral toxicity:      LD50 (rats) ≥5g/kg

Skin irritation:      Moderately to slightly irritating to skin.

Eye irritation:      Moderately irritating to eyes.

Contact sensitization:      Does not provoke a sensitization reaction.

**SECTION XII - ECOLOGICAL INFORMATION**

The cleaning ingredients used in P&G Pro Line Floor Finish Stripper are biodegradable. P&G Pro Line Floor Finish Stripper is safe for septic tanks.

**SECTION XIII - DISPOSAL CONSIDERATIONS**

**Waste Disposal Method:** DISPOSAL IS TO BE PERFORMED IN ACCORDANCE WITH FEDERAL, STATE OR PROVINCIAL, AND LOCAL REGULATIONS. Undiluted waste from this product is RCRA "Corrosive" (D002 classification) hazardous if pH is  $\geq 12.5$ . Check pH before deciding the disposal route. Hazardous waste treatment to reduce the pH may become necessary prior to disposal. Do not landfill.

**SECTION XIV - TRANSPORT INFORMATION**

**DOT Classification:** This product is regulated by the U.S. Department of Transportation; per DOT Regulations Section 172.101.

**Corrosive liquid, basic, inorganic, n.o.s. (Monoethanolamine, Sodium hydroxide), 8, UN3266, II**

**Special Provisions (Section 172.102):** B2, IB2, T11, TP2, TP27

**Placard Advisory:** CORROSIVE

**DO NOT SHIP BY AIR.** Finished packaged product does not meet air transport requirements.

**SECTION XV - ADDITIONAL REGULATORY INFORMATION**

All intentionally-added components of P&G Pro Line Floor Finish Stripper are listed on the US TSCA Inventory. No components are subject to Significant New Use Rules (SNURs) under TSCA §5.

P&G Pro Line Floor Finish Stripper is not subject to warning labeling under California Proposition 65.

**CERCLA listed chemicals:** Sodium hydroxide (CAS# 1310-73-2) – Reportable quantity 1000 lbs.

**EPCRA (SARA Title III) Section 313 Toxic Chemicals:** Glycol ethers – De minimus 1.0%

Procter & Gamble's importation of this product into Canada is in compliance with all CEPA NSN Regulations. This product has been classified with the Hazard Criteria of the Canadian Control Products Regulation (CPR) and this MSDS contains all information required by the Controlled 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.