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# MATERIAL SAFETY DATA SHEET

MSDS#: FH/C/2003/TMTG-5NKJQN

Supersedes: 09/05

Issue Date: 09/06

## SECTION I - CHEMICAL PRODUCT

Identity: **Floor Cleaner**

Brands: **P&G PRO LINE DISINFECTING FLOOR CLEANER**

Hazard Rating: 3	Health: 3	4=EXTREME
	Flammability: 0	3=HIGH
	Reactivity: 0	2= MODERATE
		1=SLIGHT
		0=NOT SIGNIFICANT

Emergency Telephone Number: 1-800-332-7787 or call Local Poison Control Center.

## SECTION II - COMPOSITION AND INGREDIENTS

Ingredients listed on the product label: Didecyl dimethyl ammonium chloride, other ingredients

Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200.

<u>Chemical Name</u>	<u>Common Name</u>	<u>CAS No.</u>	<u>Recommended</u> <u>Limits</u>	<u>Composition</u> <u>Range</u>	<u>LD50/LC50</u>
Didecyl dimethyl ammonium chloride		7173-51-5	N/A	7.24% - 8.16%	

## SECTION III - HAZARDS IDENTIFICATION

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

Ingestion:	Severe mucous membrane irritant. May be fatal if swallowed.
Eye Contact:	Severe eye irritant. Can cause irreversible eye damage if not promptly treated.
Skin Contact:	Skin irritant. Causes skin burns.
Inhalation:	N/A

#### SECTION IV - FIRST AID INFORMATION

##### First Aid Procedures:

- Ingestion:** Concentrate: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.  
Diluted for Use per Label Directions: Mucous membrane irritant. Oral ingestion may result in mild gastrointestinal irritation with nausea, vomiting and/or diarrhea.
- Eye Contact:** Concentrate: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.  
Diluted for Use per Label Directions – May cause mild irritation.
- Skin Contact:** Concentrate: Take off contaminated clothing. Rinse skin with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.  
Diluted for Use per Label Directions – May cause mild skin irritation.
- Inhalation:** Concentrate: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.  
Diluted for Use per Label Directions – Mucous membrane irritant.

**Note to physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

**Other:** Product package has a caution statement: DANGER: KEEP OUT OF REACH OF CHILDREN. Corrosive. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. Wear goggles or face shield, protective clothing, and rubber gloves when handling. Harmful if swallowed and/or absorbed through the skin. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash clothing before reuse.

#### SECTION V - FIRE FIGHTING INFORMATION

**Flash Point (Method Used):** >200° F / 93° C **Explosive Limits:** LEL: N/A UEL: N/A

**Extinguishing Media:** Water, CO<sub>2</sub>, foam or media suitable for surrounding fire.

##### Protection for Firefighters:

Specific Hazards Arising from the Material: None known.

Protective Equipment and Precautions for Firefighters: Standard fire fighting procedures may be followed, including full protective gear, NIOSH approved self-contained breathing apparatus.

#### SECTION VI - ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** None required.

**Environmental Precautions:** DISPOSAL IS TO BE IN ACCORDANCE WITH FEDERAL, STATE/PROVINCIAL AND LOCAL REGULATIONS. Do not landfill. Keep product out of storm sewers or waterways. Hold for disposal.

**Steps To Be Taken in Case Material is Released or Spilled:** Wear appropriate protective equipment. If possible, contain spill and collect in an approved container. Rinse affected area thoroughly with water.

**SECTION VII - HANDLING AND STORAGE**

**Precautions To Be Taken in Handling and Storing:** Avoid contact with skin or eyes. Avoid breathing vapor, spray or mist. Store in original container, in cool dry place with adequate ventilation. Keep out of reach of children. Keep container tightly closed when not in use.

**Other Precautions:** Use only according to label directions. If unsure about safe use, contact your supervisor immediately.

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

**Engineering Controls (Ventilation):** General

**Personal Protective Equipment (PPE):**

**Eye/Face Protection:** Chemical resistant goggles or face shield.

*Industrial setting:* Follow OSHA mandated procedures. Never eat or smoke while working with chemicals. Good housekeeping practices apply. Wash thoroughly after handling.

**Skin Protection:** Water impervious (Latex or Neoprene) recommended.

**Respiratory Protection:** In processes where mists or vapors may be generated by the concentrated product, a NIOSH/MSHA jointly approved respirator is advised in the absence of proper environmental controls.

**Other Protective Equipment:** Eye wash recommended.

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

**Boiling Point °F / °C:** Approx. 212°F / 100°C

**Specific Gravity (H<sub>2</sub>O=1):** 1.01

**Vapor Pressure (mm Hg):** Not established

**Percent Volatile by Weight (%):** >85%

**pH (conc.):** 7.25

**Evaporation Rate (H<sub>2</sub>O=1):** 1

**Appearance and Odor:** Yellow liquid/Floral fragrance

**Solubility in Water:** Complete

**SECTION X - STABILITY AND REACTIVITY**

**Stability:** Stable

**Conditions to Avoid:** None known

**Materials to Avoid:** Do not mix with other chemicals.

**Hazardous Decomposition Products:** Thermal decomposition on burning may produce toxic vapors or gases.

**Possible Hazardous Reactions/Conditions/By Products:** None known

**Hazardous Polymerization:** Will not occur.

**Other Recommendations:** None

**SECTION XI - TOXICOLOGICAL INFORMATION**

LD50 (rat oral): 450 mg/kg for active ingredient (Didecyl dimethyl ammonium chloride).

**Chemical Listed as Carcinogen or Potential Carcinogen:**

National Toxicology Program:	Yes	No	X
I.A.R.C. Monographs:	Yes	No	X
OSHA:	Yes	No	X

**SECTION XII - ECOLOGICAL INFORMATION**

N/A

**SECTION XIII - DISPOSAL CONSIDERATIONS**

**Waste Disposal Method:** Disposal should be in accordance with Federal, state/provincial and local regulations. If possible, triple rinse container and recycle.

**SECTION XIV - TRANSPORT INFORMATION**

**DOT Classification:** The product, as sold, is classified consumer commodity ORM-D Bulk product shipments are classified as a Corrosive liquid, n.o.s., (contains n-Alkyl Dimethylbenzyl Ammonium Chloride) 8, UN 1760, PG III

**SECTION XV - ADDITIONAL REGULATORY INFORMATION**

This product is an EPA registered pesticide (EPA Reg. No. 8155-23-3573).

All intentionally-added components of this product are listed on the US TSCA Inventory.

This product is not subject to warning labeling under California Proposition 65.

**SECTION XVI - OTHER INFORMATION**

\*N/A. - Not Applicable

\*N/K. - Not Known

\*N/E – Not Established

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.

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