

Procter & Gamble

Professional[®]

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name P&G Pro Line Disinfecting Floor and Surface Cleaner - Concentrate
Product Code 98668769
Version # 05
Revision date 10-03-2012
Manufacturer Procter & Gamble Professional
Address 2 P&G Plaza
Cincinnati
Ohio
45202
US
P&G Telephone Number: 1-800-332-7787
Emergency 24-hr Telephone #: CHEMTREC 1-800-424-9300

2. Hazards Identification

Potential health effects

Routes of exposure Ingestion. Inhalation. Skin contact. Eye contact.
Eyes Severely irritating; if not removed promptly, will injure eye tissue, which may result in permanent damage.
Skin Strongly irritating. Prolonged contact may cause burns.
Inhalation Vapors may irritate throat and respiratory system and cause coughing.
Ingestion May be fatal if swallowed. Severely irritating to mucous membranes.

Potential environmental effects May cause long-term adverse effects in the environment.

3. Composition / Information on Ingredients

Components	CAS #	Percent
DIDECYL DIMETHYL AMMONIUM CHLORIDE	7173-51-5	5-10

4. First Aid Measures

First aid procedures

Eye contact Immediately rinse with water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Call a physician or Poison Control Center immediately.
Skin contact In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Contact physician if irritation continues.
Inhalation Move to fresh air. Call a physician or poison control center immediately. Perform artificial respiration if breathing has stopped and call an ambulance.
Ingestion Call a physician or poison control center immediately. Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person. If victim is fully conscious, give a cupful of water. If medical advice is needed, have product container or label at hand.

5. Fire Fighting Measures

Environmental precautions Prevent further leakage or spillage if safe to do so. Do not contaminate water.

Extinguishing media

Suitable extinguishing media Carbon dioxide (CO₂). Water. Foam. Dry chemical powder.

Protection of firefighters

Protective equipment and precautions for firefighters Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

6. Accidental Release Measures

Personal precautions Keep unnecessary personnel away. Wear suitable protective clothing.

Environmental precautions Prevent further leakage or spillage if safe to do so. Do not contaminate water.

Clean-up methods and materials and containment measures In case of spills, beware of slippery floors and surfaces. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Never return spills to original containers for re-use.

7. Handling and Storage

Handling Use personal protective equipment as required. Use only in area provided with appropriate exhaust ventilation. Follow instructions and ensure correct dilution of this product before use. Do not get this material in contact with skin or eyes. Wash hands thoroughly after handling. Keep out of reach of children.

Storage Keep away from heat and sources of ignition. Keep container tightly closed in a cool, well-ventilated place. Have emergency equipment readily available.

8. Exposure Controls / Personal Protection

Engineering controls Provide adequate ventilation. Provide easy access to water supply and eye wash facilities.

Personal protective equipment

Eye / face protection Wear chemical goggles or face shield.

Skin protection Wear protective gloves. Neoprene gloves. Latex gloves.

Respiratory protection No protection is ordinarily required under normal conditions of use and with adequate ventilation.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

9. Physical & Chemical Properties

Color Yellow.

Odor Scented

pH 6 - 8

Melting point 324.7 °F (162.597117904 °C) estimated

Freezing point 324.7 °F (162.597117904 °C) estimated

Boiling point 212 °F (100 °C)

Flash point >= 201.00 °F (>= 93.89 °C)

Evaporation rate Not available.

Vapor pressure 28.737912572 hPa estimated

Specific gravity 1.01

Solubility (water) 100

Partition coefficient (n-octanol/water) Not available

VOC Not available.

Percent volatile 85.6 % estimated

Density 2.13 g/cm³ estimated

10. Chemical Stability & Reactivity Information

Chemical stability	This is a stable material.
Conditions to avoid	None known.
Materials to avoid	Mixing with any other material.
Hazardous decomposition products	Thermal decomposition may produce toxic vapors or gases.
Hazardous polymerization	Will not occur.

11. Toxicological Information

Toxicological data

Components	Test Results
DIDECYL DIMETHYL AMMONIUM CHLORIDE (7173-51-5)	Acute Dermal LD50 Rabbit: 2730 mg/kg Acute Oral LD50 Mouse: 268 mg/kg Acute Oral LD50 Rat: 84 mg/kg Acute Other LD50 Mouse: 11 mg/kg Acute Other LD50 Rat: 45 mg/kg

12. Ecological Information

Environmental effects	Based on ecotoxicity and fate data for the individual ingredients in this specific formulation, and for related consumer household cleaning products formulations, this product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment at relevant environmental concentrations. This product is intended for dispersive use and should not be disposed of directly into the environment.
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13. Disposal Considerations

Disposal instructions	This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose in accordance with all applicable regulations. Dispose of container in accordance with label instructions.
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14. Transport Information

DOT

Basic shipping requirements:

Proper shipping name	Corrosive liquid, n.o.s. (DIDECYL DIMETHYL AMMONIUM CHLORIDE) LTD QTY [may be shipped as a CONSUMER COMMODITY ORM-D through 12/31/2013]
Hazard class	8
UN number	1760
Packing group	III
Additional information:	
ERG number	154

IMDG

Basic shipping requirements:

Proper shipping name	Corrosive liquid, n.o.s. (DIDECYL DIMETHYL AMMONIUM CHLORIDE) LTD QTY, MARINE POLLUTANT
Hazard class	8
UN number	1760
Packing group	III
Marine pollutant	Yes

IATA

Basic shipping requirements:

Proper shipping name	Corrosive liquid n.o.s. (DIDECYL DIMETHYL AMMONIUM CHLORIDE) LTD QTY
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Hazard class 8
UN number 1760
Packing group III

Notes DO NOT SHIP BY AIR. Does not meet packaging requirements for air shipments.

15. Regulatory Information

US federal regulations This is an EPA-registered pesticide (Registration No. 8155-23-3573).

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

Section 302 extremely hazardous substance No

Section 311 hazardous chemical Yes

State regulations

ILLRTK

Contains no Illinois Right To Know toxic substances.

US - Illinois Chemical Safety Act: Listed substance

US - Massachusetts RTK - Substance: Listed substance

Contains no Massachusetts Right To Know substances.

US - New Jersey Community RTK (EHS Survey): Listed substance

US - New Jersey RTK - Hazardous substance

US - New Jersey RTK - Special Hazard: Listed substance

Contains no New Jersey Right To Know special hazards.

US - New Jersey RTK - Substances: Listed substance

Contains no New Jersey Right To Know Substances

US - Pennsylvania RTK - Hazardous Substances: Listed substance

Contains no Pennsylvania Right To Know hazardous substances

US - Rhode Island RTK - Hazardous Substances: Listed substance

Contains no Rhode Island Right To Know hazardous substances.

Canadian regulations All ingredients are CEPA approved for import to Canada by Procter & Gamble. This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Inventory Status

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other Information

HMIS® ratings Health: 3
Flammability: 1
Physical hazard: 0

NFPA ratings

Health: 3
Flammability: 1
Instability: 0

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 assumes no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.