

1. IDENTIFICATION

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|---------------------|---|
| Product Name | P&G Pro® Line Disinfecting Floor and Surface Cleaner - Concentrate |
| Product Code(s) | 4-33 |
| Product ID: | 98668769_PROF_NG |
| Product Type: | Finished Product - Professional Use Only |
| Recommended Use | Disinfectant |
| Restrictions on Use | Use only as directed on label. |
| Manufacturer | Procter & Gamble Professional 2 P&G Plaza Cincinnati, Ohio 45202 Procter & Gamble Inc. P.O. Box 355, Station A Toronto, ON M5W 1C5 1-800-332-7787 |
| E-mail Address | pgsds.im@pg.com |
| Emergency Telephone | Transportation (24 HR) CHEMTREC - 1-800-424-9300 (U.S./ Canada) or 1-703-527-3887 Mexico toll free in country: 800-681-9531 |

2. HAZARD IDENTIFICATION

This product is classified under 29CFR 1910.1200(d) and the Canadian Hazardous Products Regulation as follows:.

Hazard Category

Skin corrosion/irritation
Eye Damage / Irritation

Category 1
Category 1

Signal Word

DANGER

Hazard Statements

Causes severe skin burns and eye damage

Hazard pictograms



Precautionary Statements -

Do not breathe mist

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|--|---|
| Prevention | Wash hands thoroughly after handling Wear protective gloves and eye protection Use with ventilation. |
| Precautionary Statements - Response | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Immediately call a POISON CENTER or doctor/physician IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Drink 1 or 2 glasses of water IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing |
| Precautionary Statements - Storage | None |
| Precautionary Statements - Disposal | Dispose of contents/container in accordance with local regulation |
| Hazards not otherwise classified (HNOC) | None |

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients are listed according to 29CFR 1910.1200 Appendix D and the Canadian Hazardous Products Regulation

| Chemical Name | Synonyms | Trade Secret | CAS-No | Weight % |
|---|----------|--------------|------------|-----------|
| Didecyltrimethylammonium chloride | - | No | 7173-51-5 | 5 - 10 |
| Alcohols, C12-15, ethoxylated | - | No | 68131-39-5 | 1 - 5 |
| Tetrasodium ethylenediaminetetraacetate | - | No | 64-02-8 | 1 - 5 |
| Isopropanol | - | No | 67-63-0 | 0.5 - 1.5 |

4. FIRST AID MEASURES

First aid measures for different exposure routes

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|---|--|
| Eye contact | Rinse with plenty of water. Call a physician immediately. |
| Skin contact | Rinse with plenty of water. Get medical attention if irritation develops and persists. |
| Ingestion | Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention immediately if symptoms occur. |
| Inhalation | IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician or poison control center immediately. |
| Most important symptoms/effects, acute and delayed | None under normal use conditions. |

Indication of immediate medical attention and special treatment needed, if necessary

| | |
|---------------------------|------------------------|
| Notes to Physician | Treat symptomatically. |
|---------------------------|------------------------|

5. FIRE-FIGHTING MEASURES

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| Suitable extinguishing media | Dry chemical, CO ₂ , alcohol-resistant foam or water spray. |
| Unsuitable Extinguishing Media | None. |
| Special hazard | None known. |
| Special protective equipment for fire-fighters | As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. |
| Specific hazards arising from the chemical | None. |

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

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| Personal precautions | Use personal protective equipment. Do not get in eyes, on skin, or on clothing. |
| Advice for emergency responders | Use personal protective equipment as required. |

Methods and materials for containment and cleaning up

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|--------------------------------|---|
| Methods for containment | Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. |
| Methods for cleaning up | Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). |

7. HANDLING AND STORAGE

Precautions for safe handling

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|--------------------------------|---|
| Advice on safe handling | Use personal protective equipment as required. Keep container closed when not in use. Never return spills in original containers for re-use. Keep out of the reach of children. |
|--------------------------------|---|

Conditions for safe storage, including any incompatibilities

| | |
|------------------------------|--|
| Storage Conditions | Keep containers tightly closed in a dry, cool and well-ventilated place. |
| Incompatible products | None known. |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

| Chemical Name | CAS-No | ACGIH TLV | OSHA PEL | Mexico PEL |
|---------------|---------|-------------------------------|---|---|
| Isopropanol | 67-63-0 | STEL: 400 ppm TWA: 200 ppm | TWA: 400 ppm TWA: 980 mg/m ³ (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m ³ (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m ³ | Mexico: TWA 400 ppm Mexico: TWA 980 mg/m ³ Mexico: STEL 500 ppm Mexico: STEL 1225 mg/m ³ |

| Chemical Name | CAS-No | Alberta | Quebec | Ontario TWA EV | British Columbia |
|---------------|---------|--|---|-------------------------------|-------------------------------|
| Isopropanol | 67-63-0 | TWA: 200 ppm TWA: 492 mg/m ³ STEL: 400 ppm STEL: 984 mg/m ³ | TWA: 400 ppm TWA: 985 mg/m ³ STEL: 500 ppm STEL: 1230 mg/m ³ | TWA: 200 ppm STEL: 400 ppm | TWA: 200 ppm STEL: 400 ppm |

No relevant exposure guidelines for other ingredients

Exposure controls

Engineering Measures

Distribution, Workplace and Household Settings:
Ensure adequate ventilation

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):
Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction

Personal Protective Equipment

Eye Protection

Distribution, Workplace and Household Settings:
Requires Eye Protection

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):
Safety glasses with side-shields
If splashes are likely to occur, wear:
Tightly fitting safety goggles

Hand Protection

Distribution, Workplace and Household Settings:
Protective gloves

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):
Protective gloves

Skin and Body Protection

Distribution, Workplace and Household Settings:
Wear suitable protective clothing

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):
Wear suitable protective clothing

Respiratory Protection

Distribution, Workplace and Household Settings:
No special protective equipment required

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):
In case of insufficient ventilation wear suitable respiratory equipment

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State @20°C

liquid

Appearance

yellow

Odor

Scented

Odor threshold

No information available

Property

Values

Note

pH value

6 - 8

Melting/freezing point

No information available

Boiling point/boiling range

No information available

Flash point

> 93.3 °C / > 200 °F

Evaporation rate

No information available

Flammability (solid, gas)

No information available

Flammability Limits in Air

Upper flammability limit

No information available

Lower Flammability Limit

No information available

Vapor pressure

No information available

| | |
|--|---|
| Vapor density | No information available |
| Relative density | 1.01 |
| Water solubility | 100% |
| Solubility in other solvents | No information available |
| Partition coefficient: n-octanol/water | No information available |
| Autoignition temperature | No information available |
| Decomposition temperature | No information available |
| Viscosity of Product | No information available |
| VOC Content (%) | Products comply with US state and federal regulations for VOC content in consumer products. |

10. STABILITY AND REACTIVITY

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|----------------------------------|--|
| Reactivity | None under normal use conditions. |
| Stability | Stable under normal conditions. |
| Hazardous polymerization | Hazardous polymerization does not occur. |
| Hazardous Reactions | None under normal processing. |
| Conditions to Avoid | None under normal processing. |
| Materials to avoid | None in particular. |
| Hazardous Decomposition Products | None under normal use. |

11. TOXICOLOGICAL INFORMATION

Product Information

Information on likely routes of exposure

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|--------------|---------------------------------|
| Inhalation | No known effect. |
| Skin contact | May cause burns. |
| Ingestion | No known effect. |
| Eye contact | Risk of serious damage to eyes. |

Delayed and immediate effects as well as chronic effects from short and long-term exposure

| | |
|-----------------------------------|---------------------------------|
| Acute toxicity | No known effect. |
| Skin corrosion/irritation | Causes severe burns. |
| Serious eye damage/eye irritation | Risk of serious damage to eyes. |
| Skin sensitization | No known effect. |
| Respiratory sensitization | No known effect. |
| Germ cell mutagenicity | No known effect. |
| Neurological Effects | No known effect. |
| Reproductive toxicity | No known effect. |
| Developmental toxicity | No known effect. |
| Teratogenicity | No known effect. |
| STOT - single exposure | No known effect. |
| STOT - repeated exposure | No known effect. |
| Target Organ Effects | No known effect. |
| Aspiration hazard | No known effect. |
| Carcinogenicity | No known effect. |

Component Information

| Chemical Name | CAS-No | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|---|-----------|----------------------------|-----------------------------|--------------------------------|
| Didecyltrimethylammonium chloride | 7173-51-5 | 329 mg/kg bw (OECD 401) | - | - |
| Tetrasodium ethylenediaminetetraacetate | 64-02-8 | > 1780 mg/kg bw | - | - |
| Isopropanol | 67-63-0 | 5840 mg/kg bw (//OECD 401) | 12956 mg/kg bw (//OECD 402) | > 24.578 mg/L air (//OECD 403) |

12. ECOLOGICAL INFORMATION

Ecotoxicity

Hazardous to the Aquatic Environment.

| | |
|--------------------------------------|---------------------------|
| Persistence and degradability | No information available. |
| Bioaccumulative potential | No information available. |
| Mobility | No information available. |
| Other adverse effects | No information available. |

13. DISPOSAL CONSIDERATIONS

Waste treatment

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|---|---|
| Waste from Residues / Unused Products | Disposal should be in accordance with applicable regional, national and local laws and regulations. |
| Contaminated packaging | Disposal should be in accordance with applicable regional, national and local laws and regulations. |
| California Hazardous Waste Codes (non-household setting) | 331 |

14. TRANSPORT INFORMATION

DOT

| | |
|--|--|
| UN no | UN1760 |
| UN Proper shipping name | Corrosive liquid, n.o.s |
| Description | UN1760, Corrosive liquid, n.o.s (Didecyldimethylammonium chloride), 8, III |
| Hazard Class | 8 |
| Packing Group | III |
| Special Provisions | IB3, T7, TP1, TP28 |
| Marine pollutant | Marine pollutant. |
| Emergency Response Guide Number | 154 |

IMDG

| | |
|-------------------------------------|---|
| UN Number | UN1760 |
| UN Proper shipping name | Corrosive liquid, n.o.s. |
| Description | UN1760, Corrosive liquid, n.o.s. (Didecyldimethylammonium chloride), 8, III |
| Transport hazard class(es) | 8 |
| Packing Group | III |
| Special precautions for user | 274, 223 |
| EmS-No | F-A, S-B |

IATA

| | |
|-------------------------------------|---|
| UN no | UN1760 |
| UN Proper shipping name | Corrosive liquid, n.o.s. |
| Description | UN1760, Corrosive liquid, n.o.s. (Didecyldimethylammonium chloride), 8, III |
| Hazard Class | 8 |
| Packing Group | III |
| ERG Code | 8L |
| Special precautions for user | A3, A803 |

15. REGULATORY INFORMATION

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

| Chemical Name | CAS-No | SARA 313 - Threshold Values % |
|---------------|---------|-------------------------------|
| Isopropanol | 67-63-0 | 1.0 |

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

| Chemical Name | CAS-No | Hazardous Substances RQs | Extremely Hazardous Substances RQs | CERCLA/SARA 302 TPQ |
|------------------|-----------|--------------------------|------------------------------------|---------------------|
| Edetic acid | 60-00-4 | 5000 lb | - | |
| Sodium hydroxide | 1310-73-2 | 1000 lb | - | |

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

| Chemical Name | CAS-No | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|------------------|-----------|-----------------------------|------------------------|---------------------------|----------------------------|
| Edetic acid | 60-00-4 | 5000 lb | - | - | X |
| Sodium hydroxide | 1310-73-2 | 1000 lb | - | - | X |

California Proposition 65

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

Ethanol is only considered a Proposition 65 developmental hazard when it is ingested as an alcoholic beverage.

U.S. State Regulations (RTK)

| Chemical Name | CAS-No | New Jersey |
|---------------|---------|------------|
| Isopropanol | 67-63-0 | X |
| Ethanol | 64-17-5 | X |

| Chemical Name | CAS-No | Pennsylvania |
|------------------|-----------|--------------|
| Isopropanol | 67-63-0 | X |
| Ethanol | 64-17-5 | X |
| Edetic acid | 60-00-4 | X |
| Sodium hydroxide | 1310-73-2 | X |

International Inventories

United States

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

Canada

This product is in compliance with CEPA for import by P&G.

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

CEPA - Canadian Environmental Protection Act

FIFRA

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

EPA Registration number: 8155-23

DANGER

Corrosive

Causes irreversible eye damage and skin burns

Harmful if swallowed

HARMFUL IF ABSORBED THROUGH SKIN

16. OTHER INFORMATION

HMIS Ratings

Health hazard 3

Flammability 1

Physical hazard 0

Health hazard 3

Flammability 1

Instability 0

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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of SDS