

## 1. IDENTIFICATION

|                            |  |
|----------------------------|--|
| <b>Product Name</b>        | P&G Pro Line Thickened Acid Toilet Bowl Cleaner  |
| <b>Product Code(s)</b>     | 3-47   |
| <b>Product ID:</b>         | 98668756_PROF_NG   |
| <b>Product Type:</b>       | Finished Product - Professional Use Only   |
| <b>Recommended Use</b>     | Disinfectant   |
| <b>Restrictions on Use</b> | Do not mix with other cleaning products or chemicals as irritating fumes may be formed.  |
| <b>Manufacturer</b>        | <p>Procter &amp; Gamble Professional<br/>2 P&amp;G Plaza<br/>Cincinnati, Ohio 45202</p> <p>Procter &amp; Gamble Inc.<br/>P.O. Box 355, Station A<br/>Toronto, ON M5W 1C5</p> <p>1-800-332-7787</p> |
| <b>E-mail Address</b>      | pgsds.im@pg.com  |
| <b>Emergency Telephone</b> | <p>Transportation (24 HR)<br/>CHEMTREC - 1-800-424-9300<br/>(U.S./ Canada) or 1-703-527-3887<br/>Mexico toll free in country: 800-681-9531</p>   |

## 2. HAZARD IDENTIFICATION

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

**Hazard Category**

|                                  |            |
|----------------------------------|------------|
| <b>Skin corrosion/irritation</b> | Category 1 |
| <b>Eye Damage / Irritation</b>   | Category 1 |
| <b>Corrosive to metals</b>       | Category 1 |

|                    |        |
|--------------------|--------|
| <b>Signal Word</b> | DANGER |
|--------------------|--------|

|                          |   |
|--------------------------|---|
| <b>Hazard Statements</b> | <p>Causes severe skin burns and eye damage<br/>May be corrosive to metals</p> |
|--------------------------|---|

**Hazard pictograms**



**Precautionary Statements - Prevention**

Do not breathe mist  
Wash hands thoroughly after handling  
Wear protective gloves and eye protection  
Use with ventilation.  
Keep only in original container

**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  
Absorb spillage to prevent material damage

**Precautionary Statements - Storage**

Store in corrosive resistant container

**Precautionary Statements - Disposal**

None

**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 % |
|-------------------|-------------------|--------------|-----------|----------|
| Hydrogen chloride | Hydrochloric acid | No           | 7647-01-0 | 5 - 10   |

### 4. FIRST AID MEASURES

First aid measures for different exposure routes

**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

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

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

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

### Methods and materials for containment and cleaning up

|                                |   |
|--------------------------------|---|
| <b>Methods for containment</b> | Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.  |
| <b>Methods for cleaning up</b> | 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

|                                |   |
|--------------------------------|---|
| <b>Advice on safe handling</b> | 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

|                              |  |
|------------------------------|--|
| <b>Storage Conditions</b>    | Keep containers tightly closed in a dry, cool and well-ventilated place. Store in corrosive resistant container. |
| <b>Incompatible products</b> | Do not mix with other cleaning products or chemicals as irritating fumes may be formed.                          |

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Guidelines

| Chemical Name     | CAS-No    | ACGIH TLV      | OSHA PEL   | Mexico PEL   |
|-------------------|-----------|----------------|--|--|
| Hydrogen chloride | 7647-01-0 | Ceiling: 2 ppm | (vacated) Ceiling: 5 ppm<br>(vacated) Ceiling: 7 mg/m <sup>3</sup><br>Ceiling: 5 ppm<br>Ceiling: 7 mg/m <sup>3</sup> | Mexico: Ceiling 5 ppm<br>Mexico: Ceiling 7 mg/m <sup>3</sup> |

| Chemical Name     | CAS-No    | Alberta  | Quebec   | Ontario TWA EV | British Columbia |
|-------------------|-----------|--|--|----------------|------------------|
| Hydrogen chloride | 7647-01-0 | Ceiling: 2 ppm<br>Ceiling: 3 mg/m <sup>3</sup> | Ceiling: 5 ppm<br>Ceiling: 7.5 mg/m <sup>3</sup> | CEV: 2 ppm     | Ceiling: 2 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**

green

**Odor**

Scented

**Odor threshold**

No information available

Property

Values

Note

**pH value**

<= 1

**Melting/freezing point**

No information available

**Boiling point/boiling range**

100 °C / 212 °F

**Flash point**

> 93 °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**

1.05

**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

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

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 |
|-------------------|-----------|-----------|--------------|-----------------|
| Hydrogen chloride | 7647-01-0 | -         | > 5000 mg/kg | -               |

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

The product is not expected to be hazardous to the environment.

|                                      |                           |
|--------------------------------------|---------------------------|
| <b>Persistence and degradability</b> | No information available. |
| <b>Bioaccumulative potential</b>     | No information available. |
| <b>Mobility</b>                      | No information available. |
| <b>Other adverse effects</b>         | No information available. |

### 13. DISPOSAL CONSIDERATIONS

#### Waste treatment

|   |   |
|---|---|
| <b>Waste from Residues / Unused Products</b>                    | Products covered by this MSDS, in their original form, when disposed as waste, are corrosive hazardous waste, D002, according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state and federal regulations. |
| <b>Contaminated packaging</b>                                   | Disposal should be in accordance with applicable regional, national and local laws and regulations.   |
| <b>California Hazardous Waste Codes (non-household setting)</b> | 331   |

### 14. TRANSPORT INFORMATION

#### DOT

|                                |   |
|--------------------------------|---|
| <b>UN no</b>                   | UN1789  |
| <b>UN Proper shipping name</b> | Hydrochloric Acid solution                            |
| <b>Description</b>             | UN1789, Hydrochloric Acid solution, 8, II , Ltd. Qty. |
| <b>Hazard Class</b>            | 8   |
| <b>Packing Group</b>           | II  |

#### IMDG

|                                   |   |
|-----------------------------------|---|
| <b>UN Number</b>                  | UN1789  |
| <b>UN Proper shipping name</b>    | Hydrochloric Acid solution                            |
| <b>Description</b>                | UN1789, Hydrochloric Acid solution, 8, II , Ltd. Qty. |
| <b>Transport hazard class(es)</b> | 8   |
| <b>Packing Group</b>              | II  |

#### IATA

|                                |   |
|--------------------------------|---|
| <b>UN no</b>                   | UN1789  |
| <b>UN Proper shipping name</b> | Hydrochloric Acid solution                            |
| <b>Description</b>             | UN1789, Hydrochloric Acid solution, 8, II , Ltd. Qty. |
| <b>Hazard Class</b>            | 8   |
| <b>Packing Group</b>           | II  |

### 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 % |
|-------------------|-----------|-------------------------------|
| Hydrogen chloride | 7647-01-0 | 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 |
|-------------------|-----------|--------------------------|------------------------------------|---------------------|
| Hydrogen chloride | 7647-01-0 | 5000 lb                  | 5000 lb                            | 500 lb              |

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

This product contains the following substance(s) which are either listed as hazardous air pollutants (HAPS) or VOC's per the Clean Air Act:

| Chemical Name     | CAS-No    | CAA (Clean Air Act) - 1990 Hazardous Air Pollutants |
|-------------------|-----------|---|
| Hydrogen chloride | 7647-01-0 | X   |

#### 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 |
|-------------------|-----------|-----------------------------|------------------------|---------------------------|----------------------------|
| Hydrogen chloride | 7647-01-0 | 5000 lb                     | -                      | -                         | X                          |

#### California Proposition 65

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

#### U.S. State Regulations (RTK)

| Chemical Name     | CAS-No    | New Jersey |
|-------------------|-----------|------------|
| Hydrogen chloride | 7647-01-0 | X          |

| Chemical Name     | CAS-No    | Massachusetts |
|-------------------|-----------|---------------|
| Hydrogen chloride | 7647-01-0 | X             |

| Chemical Name     | CAS-No    | Pennsylvania |
|-------------------|-----------|--------------|
| Hydrogen chloride | 7647-01-0 | X            |
| Methyl salicylate | 119-36-8  | X            |

| Chemical Name     | CAS-No    | Rhode Island |
|-------------------|-----------|--------------|
| Hydrogen chloride | 7647-01-0 | 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: 8155-6-3573

Corrosive  
Causes irreversible eye damage and skin burns  
May be fatal if swallowed

## 16. OTHER INFORMATION

### HMIS Ratings

|                 |   |
|-----------------|---|
| Health hazard   | 3 |
| Flammability    | 1 |
| Physical hazard | 0 |

### NFPA Ratings

|               |   |
|---------------|---|
| 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**