

**1. IDENTIFICATION**

|                            |   |
|----------------------------|---|
| <b>Product Name</b>        | Comet® Disinfecting Sanitizing Bathroom Cleaner - Concentrate   |
| <b>Product Code(s)</b>     | 3-20  |
| <b>Product ID:</b>         | 15154320_PROF_NG  |
| <b>Product Type:</b>       | Finished Product - Professional Use Only  |
| <b>Recommended Use</b>     | Disinfectant Sanitizer  |
| <b>Restrictions on Use</b> | Do not mix with other cleaning products or chemicals as irritating fumes may be formed.   |
| <b>Manufacturer</b>        | Procter & Gamble Professional<br>2 P&G Plaza<br>Cincinnati, Ohio 45202<br><br>Procter & Gamble Inc.<br>P.O. Box 355, Station A<br>Toronto, ON M5W 1C5<br><br>1-800-332-7787 |
| <b>E-mail Address</b>      | pgsds.im@pg.com   |
| <b>Emergency Telephone</b> | 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  |

**2. HAZARD IDENTIFICATION**

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

|                                |   |
|--------------------------------|---|
| <b>Hazard Category</b>         |   |
| <b>Acute toxicity - Oral</b>   | Category 4  |
| <b>Eye Damage / Irritation</b> | Category 2B   |
| <b>Corrosive to metals</b>     | Category 1  |
| <b>Signal Word</b>             | WARNING   |
| <b>Hazard Statements</b>       | Causes eye irritation<br>Harmful if swallowed<br>May be corrosive to metals |
| <b>Hazard pictograms</b>       |   |



**Precautionary Statements - Prevention**

Wash hands thoroughly after handling  
 Do not eat, drink or smoke when using this product  
 Keep only in original container  
 Do not mix with other cleaning products or chemicals as irritating fumes may be formed

**Precautionary Statements - Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 If eye irritation persists: Get medical advice/attention  
 IF SWALLOWED:  
 Rinse with plenty of water  
 Drink 1 or 2 glasses of water  
 Call a POISON CENTER or doctor/physician if you feel unwell  
 Absorb spillage to prevent material damage

**Precautionary Statements - Storage**

Store in corrosive resistant container

**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 % |
|--|----------|--------------|------------|----------|
| Dipropylene Glycol Butoxy Ether  | -        | No           | 29911-28-2 | 5 - 10   |
| Citric acid  | -        | No           | 77-92-9    | 1 - 5    |
| 1-Propanaminium, N-(3-aminopropyl)-2-hydroxy-N,N-dimethyl-3-sulfo-, N-coco acyl derivs., inner salts | -        | No           | 68139-30-0 | 1 - 5    |
| Benzenesulfonic acid, (1-methylethyl)-, sodium salt (1:1)  | -        | No           | 28348-53-0 | 1 - 5    |
| Alcohols, C9-11, ethoxylated   | -        | No           | 68439-46-3 | 1 - 5    |

**4. FIRST AID MEASURES**

First aid measures for different exposure routes

**Eye contact**

Rinse with plenty of water. Get medical attention immediately if irritation persists.

**Skin contact**

Rinse with plenty of water. Get medical attention if irritation develops and persists.

**Ingestion**

Rinse mouth. Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention immediately if symptoms occur.

**Inhalation**

Move to fresh air. If symptoms persist, call a physician.

**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

|                            |   |
|----------------------------|---|
| <b>Exposure Guidelines</b> | No exposure limits noted for ingredient(s). |
|----------------------------|---|

**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:**  
No special protective equipment required

**Product Manufacturing Plant (needed at Product-Producing Plant ONLY):**  
Use appropriate eye protection

**Hand Protection**

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

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

**Skin and Body Protection**

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

**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**

|                             |                          |
|-----------------------------|--------------------------|
| <b>Physical State @20°C</b> | liquid                   |
| <b>Appearance</b>           | clear                    |
| <b>Odor</b>                 | Scented                  |
| <b>Odor threshold</b>       | No information available |

| <u>Property</u>             | <u>Values</u>            | <u>Note</u> |
|-----------------------------|--------------------------|-------------|
| pH value                    | 3                        |             |
| 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            | 1.042                    |             |

|   |   |
|---|---|
| <b>Water solubility</b>                       | 100%  |
| <b>Solubility in other solvents</b>           | No information available  |
| <b>Partition coefficient: n-octanol/water</b> | No information available  |
| <b>Autoignition temperature</b>               | No information available  |
| <b>Decomposition temperature</b>              | No information available  |
| <b>Viscosity of Product</b>                   | <10 cps   |
| <b>VOC Content (%)</b>                        | Products comply with US state and federal regulations for VOC content in consumer products. |

## 10. STABILITY AND REACTIVITY

|   |   |
|---|---|
| <b>Reactivity</b>                       | None under normal use conditions.   |
| <b>Stability</b>                        | Stable under normal conditions.   |
| <b>Hazardous polymerization</b>         | Hazardous polymerization does not occur.  |
| <b>Hazardous Reactions</b>              | None under normal processing.   |
| <b>Conditions to Avoid</b>              | None under normal processing.   |
| <b>Materials to avoid</b>               | Do not mix with other cleaning products or chemicals as irritating fumes may be formed. |
| <b>Hazardous Decomposition Products</b> | None under normal use.  |

## 11. TOXICOLOGICAL INFORMATION

### Product Information

#### Information on likely routes of exposure

|                     |                              |
|---------------------|------------------------------|
| <b>Inhalation</b>   | No known effect.             |
| <b>Skin contact</b> | No known effect.             |
| <b>Ingestion</b>    | May be harmful if swallowed. |
| <b>Eye contact</b>  | Irritating to eyes.          |

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

|  |                              |
|--|------------------------------|
| <b>Acute toxicity</b>                    | May be harmful if swallowed. |
| <b>Skin corrosion/irritation</b>         | No known effect.             |
| <b>Serious eye damage/eye irritation</b> | Irritating to eyes.          |
| <b>Skin sensitization</b>                | No known effect.             |
| <b>Respiratory sensitization</b>         | No known effect.             |
| <b>Germ cell mutagenicity</b>            | No known effect.             |
| <b>Neurological Effects</b>              | No known effect.             |
| <b>Reproductive toxicity</b>             | No known effect.             |
| <b>Developmental toxicity</b>            | No known effect.             |
| <b>Teratogenicity</b>                    | No known effect.             |
| <b>STOT - single exposure</b>            | No known effect.             |
| <b>STOT - repeated exposure</b>          | No known effect.             |
| <b>Target Organ Effects</b>              | No known effect.             |
| <b>Aspiration hazard</b>                 | No known effect.             |
| <b>Carcinogenicity</b>                   | No known effect.             |

### Component Information

| Chemical Name                   | CAS-No     | LD50 Oral                  | LD50 Dermal                | LC50 Inhalation            |
|---------------------------------|------------|----------------------------|----------------------------|----------------------------|
| Dipropylene Glycol Butoxy Ether | 29911-28-2 | 3700 mg/kg bw (OECD 401)   | > 2000 mg/kg bw (OECD 402) | > 2.04 mg/L air (OECD 403) |
| Citric acid                     | 77-92-9    | 5400 mg/kg bw (//OECD 401) | > 2000 mg/kg bw (OECD 402) | -                          |

## 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 SDS, 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>                   | UN1760  |
| <b>UN Proper shipping name</b> | Corrosive liquids, n.o.s.   |
| <b>Description</b>             | UN1760, Corrosive liquid, n.o.s , (citric acid), 8, III , Ltd. Qty. |
| <b>Hazard Class</b>            | 8   |
| <b>Packing Group</b>           | III   |

**IMDG**

|                                   |   |
|-----------------------------------|---|
| <b>UN Number</b>                  | UN1760  |
| <b>UN Proper shipping name</b>    | Corrosive liquid, n.o.s.  |
| <b>Description</b>                | UN1760, Corrosive liquid, n.o.s , (citric acid), 8, III , Ltd. Qty. |
| <b>Transport hazard class(es)</b> | 8   |
| <b>Packing Group</b>              | III   |

**IATA**

|                                |  |
|--------------------------------|--|
| <b>UN no</b>                   | UN1760   |
| <b>UN Proper shipping name</b> | Corrosive liquid, n.o.s.   |
| <b>Description</b>             | UN1760, Corrosive liquid, n.o.s, (citric acid), 8, III , Ltd. Qty. |
| <b>Hazard Class</b>            | 8  |
| <b>Packing Group</b>           | III  |

**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 does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive

Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**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 does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**California Proposition 65**

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

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

This product does not contain any substances regulated by state right-to-know regulations

**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: 3573-54

CAUTION

May be harmful if swallowed

Causes eye irritation

**16. OTHER INFORMATION**

**HMIS Ratings**

|                        |   |
|------------------------|---|
| <b>Health hazard</b>   | 3 |
| <b>Flammability</b>    | 1 |
| <b>Physical hazard</b> | 0 |

|                      |   |
|----------------------|---|
| <b>Health hazard</b> | 3 |
| <b>Flammability</b>  | 1 |
| <b>Instability</b>   | 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**