

**1. IDENTIFICATION**

**Product Name** Spic and Span® Disinfecting All-Purpose Spray and Glass Cleaner - Concentrated

**Product Code(s)** 3-05

**Product ID:** 92041835\_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** Category 1  
**Eye Damage / Irritation** Category 1  
**Flammable Liquids** Category 4

**Signal Word** DANGER

**Hazard Statements** Causes severe skin burns and eye damage  
Combustible liquid

**Hazard pictograms**



**Precautionary Statements -  
 Prevention**

Do not breathe mist  
 Wash hands thoroughly after handling  
 Wear protective gloves and eye protection  
 Use with ventilation.  
 Keep away from heat/sparks/open flames/hot surfaces. — No smoking  
 Keep container tightly closed

**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  
 In case of fire: Use water, CO2, dry chemical, or foam for extinction

**Precautionary Statements -  
 Storage**

Store in a well-ventilated place. Keep cool

**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 % |
|--|----------|--------------|------------|----------|
| 2-(2-Butoxyethoxy ethanol) Diethylene glycol monobutyl ether | -        | No           | 112-34-5   | 10 - 15  |
| 2-Hexyloxyethanol  | -        | No           | 112-25-4   | 5 - 10   |
| 1-Aminopropan-2-ol   | -        | No           | 78-96-6    | 5 - 10   |
| D-Glucopyranose, oligomeric, decyl octyl glycosides          | -        | No           | 68515-73-1 | 1 - 5    |

**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

**Suitable extinguishing media** In case of fire: Use water, CO2, dry chemical, or foam for extinction.

**Unsuitable Extinguishing Media** Do not use a solid water stream as it may scatter and spread fire.

**Special hazard** Fumes may catch fire.

**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**

**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**

**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**

**Advice on safe handling** Keep away from open flames, hot surfaces and sources of ignition. 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. Store in a cool/low-temperature, well-ventilated, dry place away from heat and ignition sources.

**Incompatible products** None known.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

**Exposure Guidelines**

| Chemical Name   | CAS-No   | ACGIH TLV                                   | OSHA PEL | Mexico PEL |
|---|----------|---|----------|------------|
| 2-(2-Butoxyethoxy ethanol)<br>Diethylene glycol monobutyl ether | 112-34-5 | TWA: 10 ppm inhalable<br>fraction and vapor |          |            |

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**

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

| <u>Property</u>                    | <u>Values</u>            | <u>Note</u> |
|------------------------------------|--------------------------|-------------|
| <b>pH value</b>                    | 10.4 - 11.2              |             |
| <b>Melting/freezing point</b>      | No information available |             |
| <b>Boiling point/boiling range</b> | No information available |             |
| <b>Flash point</b>                 | 72.8 °C / 163 °F         |             |
| <b>Evaporation rate</b>            | No information available |             |
| <b>Flammability (solid, gas)</b>   | No information available |             |
| <b>Flammability Limits in Air</b>  |                          |             |
| <b>Upper flammability limit</b>    | No information available |             |
| <b>Lower Flammability Limit</b>    | No information available |             |
| <b>Vapor pressure</b>              | No information available |             |

Vapor density No information available  
Relative density 1.00  
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 < 10 cps

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 Keep away from open flames, hot surfaces and sources of ignition.  
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 |
|---|----------|---|-------------|-----------------|
| 2-(2-Butoxyethoxy ethanol)<br>Diethylene glycol monobutyl ether | 112-34-5 | 2410 mg/kg (rat)                                    | -           | -               |
| 1-Aminopropan-2-ol  | 78-96-6  | 2813 mg/kg bw (Similar to<br>OECD 401; BASF method; | -           | -               |

|  |  |      |  |  |
|--|--|------|--|--|
|  |  | rat) |  |  |
|--|--|------|--|--|

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Harmful to aquatic organisms.

**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**

**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**

|  |  |
|--|--|
| <b>UN no</b>                           | UN1903   |
| <b>UN Proper shipping name</b>         | Disinfectant, liquid, corrosive, n.o.s   |
| <b>Description</b>                     | UN1903, Disinfectant, liquid, corrosive, n.o.s (2-Hexyloxyethanol, 1-Aminopropan-2-ol), 8, III |
| <b>Hazard Class</b>                    | 8  |
| <b>Packing Group</b>                   | III  |
| <b>Special Provisions</b>              | IB3, T4, TP1   |
| <b>Emergency Response Guide Number</b> | 153  |

**IMDG**

|                                     |  |
|-------------------------------------|--|
| <b>UN Number</b>                    | UN1903   |
| <b>UN Proper shipping name</b>      | DISINFECTANT, LIQUID, CORROSIVE, N.O.S.  |
| <b>Description</b>                  | UN1903, Disinfectant, liquid, corrosive, n.o.s. (2-Hexyloxyethanol, 1-Aminopropan-2-ol), III |
| <b>Transport hazard class(es)</b>   | 8  |
| <b>Packing Group</b>                | III  |
| <b>Environmental Hazards</b>        | Marine pollutant   |
| <b>Special precautions for user</b> | 223, 274   |
| <b>EmS-No</b>                       | F-A, S-B   |

**IATA**

|                                     |  |
|-------------------------------------|--|
| <b>UN no</b>                        | UN1903   |
| <b>UN Proper shipping name</b>      | DISINFECTANT, LIQUID, CORROSIVE, N.O.S.  |
| <b>Description</b>                  | UN1903, Disinfectant, liquid, corrosive, n.o.s. (2-Hexyloxyethanol, 1-Aminopropan-2-ol), III |
| <b>Hazard Class</b>                 | 8  |
| <b>Packing Group</b>                | III  |
| <b>ERG Code</b>                     | 8L   |
| <b>Special precautions for user</b> | 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 % |
|--|----------|-------------------------------|
| 2-(2-Butoxyethoxy ethanol) Diethylene glycol monobutyl ether | 112-34-5 | 1.0                           |
| 2-Hexyloxyethanol  | 112-25-4 | 1.0                           |

**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 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 |
|--|----------|---|
| 2-(2-Butoxyethoxy ethanol) Diethylene glycol monobutyl ether | 112-34-5 | X   |
| 2-Hexyloxyethanol  | 112-25-4 | X   |

**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.

Ethanol is only a 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 |
|--|----------|------------|
| 2-(2-Butoxyethoxy ethanol) Diethylene glycol monobutyl ether | 112-34-5 | X          |
| 2-Hexyloxyethanol  | 112-25-4 | X          |
| 1-Aminopropan-2-ol   | 78-96-6  | X          |

| Chemical Name      | CAS-No  | Massachusetts |
|--------------------|---------|---------------|
| 1-Aminopropan-2-ol | 78-96-6 | X             |

| Chemical Name  | CAS-No   | Pennsylvania |
|--|----------|--------------|
| 2-(2-Butoxyethoxy ethanol) Diethylene glycol monobutyl ether | 112-34-5 | X            |
| 2-Hexyloxyethanol  | 112-25-4 | X            |
| 1-Aminopropan-2-ol   | 78-96-6  | X            |
| Ethanol  | 64-17-5  | 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: 3573-96

DANGER

Corrosive

Causes irreversible eye damage and skin burns

HARMFUL IF ABSORBED THROUGH SKIN

Harmful if inhaled

## 16. OTHER INFORMATION

### HMIS Ratings

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

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

**Issuing Date:** 09-Feb-2015

**Revision Date:** 07-Apr-2015

### **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