

# Procter&Gamble

## Professional®

### MATERIAL SAFETY DATA SHEET

#### 1. Product and Company Identification

**Material name** Concentrated Spic & Span Disinfecting All-Purpose Spray and Glass Cleaner  
**Product Code** 92041835  
**Version #** 04  
**Revision date** 01-30-2014  
**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** Inhalation. Ingestion. Skin contact. Eye contact.  
**Eyes** Corrosive. Causes irreversible eye damage.  
**Skin** Corrosive. Causes skin burns. Harmful if absorbed through skin.  
**Inhalation** Harmful if inhaled.  
**Ingestion** Irritating to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Large ingestions may cause dizziness, incoordination, and headache.

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

#### 3. Composition / Information on Ingredients

Components	CAS #	Percent
1-AMINOPROPAN-2-OL	78-96-6	5-10
AKLYL DIMETHYLETHYLBENZYL AMMONIUM CHLORIDE	85409-23-0	0.1-1
ALKYL DIMETHYLBENZYL AMMONIUM CHLORIDE	CONFIDENTIAL	0.1-1

#### 4. First Aid Measures

##### First aid procedures

**Eye contact** Immediately rinse with water for several minutes. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

**Skin contact** Remove contaminated clothing. Continue to rinse for at least 15 minutes. Get medical attention if irritation develops and persists.

**Inhalation** Move to fresh air. Call a physician if symptoms develop or persist.

**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.

<b>Notes to physician</b>	If the product is ingested, probable mucosal damage may contraindicate the use of gastric lavage. Treat the affected person appropriately.
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## 5. Fire Fighting Measures

<b>Environmental precautions</b>	Prevent further leakage or spillage if safe to do so. Do not contaminate water.
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### Extinguishing media

<b>Suitable extinguishing media</b>	Water. Water spray. Dry powder. Carbon dioxide (CO2).
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### Protection of firefighters

<b>Specific hazards arising from the chemical</b>	Fire may produce irritating, corrosive and/or toxic gases.
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<b>Protective equipment and precautions for firefighters</b>	Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.
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## 6. Accidental Release Measures

<b>Personal precautions</b>	Keep unnecessary personnel away. Wear suitable protective clothing.
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<b>Environmental precautions</b>	Prevent further leakage or spillage if safe to do so. Do not contaminate water.
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<b>Clean-up methods and materials and containment measures</b>	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.
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Never return spills to original containers for re-use.

## 7. Handling and Storage

<b>Handling</b>	Use personal protective equipment as required. Use only in area provided with appropriate exhaust ventilation. Do not get this material in contact with skin or eyes. Wash hands thoroughly after handling. Keep out of reach of children.
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<b>Storage</b>	Keep away from heat and sources of ignition. Keep container tightly closed in a cool, well-ventilated place. Have emergency equipment readily available.
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## 8. Exposure Controls / Personal Protection

<b>Engineering controls</b>	Provide adequate ventilation. Provide easy access to water supply and eye wash facilities.
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### Personal protective equipment

<b>Eye / face protection</b>	Wear chemical goggles or face shield.
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<b>Skin protection</b>	Rubber gloves.
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<b>Respiratory protection</b>	Not normally needed.
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<b>General hygiene considerations</b>	Keep away from food and drink. Handle in accordance with good industrial hygiene and safety practice.
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## 9. Physical & Chemical Properties

<b>Color</b>	Dark blue.
<b>Form</b>	Liquid.
<b>Odor</b>	Scented
<b>pH</b>	10.4 - 11.2
<b>Melting point</b>	Not available.
<b>Freezing point</b>	Not available.
<b>Boiling point</b>	Not available.
<b>Flash point</b>	163.00 °F (72.78 °C)
<b>Evaporation rate</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Specific gravity</b>	1
<b>Solubility (water)</b>	Not available.

<b>Partition coefficient (n-octanol/water)</b>	Not available
<b>VOC</b>	Product complies with US state and federal regulations for VOC content in consumer products.

## 10. Chemical Stability & Reactivity Information

<b>Chemical stability</b>	This is a stable material.
<b>Conditions to avoid</b>	Keep away from heat, sparks and open flame.
<b>Hazardous decomposition products</b>	Irritants.
<b>Hazardous polymerization</b>	Will not occur.

## 11. Toxicological Information

### Toxicological data

Components	Test Results
1-AMINOPROPAN-2-OL (78-96-6)	Acute Oral LD50 Rat: 4.26 g/kg
AKLYL DIMETHYLETHYLBENZYL AMMONIUM CHLORIDE (85409-23-0)	Acute Oral LD50 Rat: 200 - 2000 mg/kg
ALKYL DIMETHYLBENZYL AMMONIUM CHLORIDE (CONFIDENTIAL)	Acute Dermal LD50 Rat: 1420 mg/kg  Acute Oral LD50 Mouse: 150 mg/kg Acute Oral LD50 Rat: 240 mg/kg Acute Other LD50 Rat: 13.9 mg/kg

**Sensitization** Not a sensitizer.

### Acute effects

Product	Test Results
Concentrated Spic & Span Disinfecting All-Purpose Spray and Glass Cleaner	> 5000 mg/kg Oral Species: Rat

**Local effects** Causes irreversible eye damage. Harmful in contact with skin. Harmful by inhalation. Irritating to mucous membranes. Irritating to respiratory system.

**Chronic effects** Hazardous by OSHA criteria.

**Skin corrosion/irritation** Not available.

## 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.

## 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. Do not dispose of waste into sewer. Do not allow this material to drain into sewers/water supplies. Dispose of contents/container in accordance with local/regional/national/international regulations.

Dispose of container in accordance with label instructions.

## 14. Transport Information

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

## DOT

### Basic shipping requirements:

**Proper shipping name** DISINFECTANTS, LIQUID, CORROSIVE, N.O.S. (1-AMINOPROPAN-2-OL), LTD QTY  
[may be shipped as a CONSUMER COMMODITY ORM-D through 12/31/2013]

**Hazard class** 8

**UN number** 1903

**Packing group** III

**Additional information:**

**ERG number** 153

## IMDG

### Basic shipping requirements:

**Proper shipping name** Disinfectants, liquid, corrosive, n.o.s. (1-AMINOPROPAN-2-OL), LTD QTY, MARINE POLLUTANT

**Hazard class** 8

**UN number** 1903

**Packing group** III

**Marine pollutant** Yes

## IATA

### Basic shipping requirements:

**Proper shipping name** Disinfectants, liquid, corrosive, n.o.s. (1-AMINOPROPAN-2-OL), LTD QTY

**Hazard class** 8

**UN number** 1903

**Packing group** III

## 15. Regulatory Information

**US federal regulations** This is an EPA-registered pesticide (Registration No. 3573-96).

One or more components are not listed on TSCA. FIFRA-regulated products are not subject to TSCA.

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

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

**Section 302 extremely hazardous substance** No

**Section 311 hazardous chemical** No

### State regulations

#### ILLRTK

Contains no Illinois Right To Know toxic substances.

**US - Illinois Chemical Safety Act: Listed substance**

**US - Massachusetts RTK - Substance: Listed substance**

1-AMINOPROPAN-2-OL (CAS 78-96-6) LISTED

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

**US - New Jersey RTK - Hazardous substance**

2-Propanol, 1-amino- (CAS 78-96-6) 2-Propanol, 1-amino-

**US - New Jersey RTK - Special Hazard: Listed substance**

Contains no New Jersey Right To Know special hazards.

**US - New Jersey RTK - Substances: Listed substance**

1-AMINOPROPAN-2-OL (CAS 78-96-6) 2-Propanol, 1-amino- LISTED

**US - Pennsylvania RTK - Hazardous Substances: Listed substance**

1-AMINOPROPAN-2-OL (CAS 78-96-6)

LISTED

**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 &amp; Puerto Rico

Toxic Substances Control Act (TSCA) Inventory

No

\*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.